TAPR Hot Technologies Related to APRS Special Interest Group Archive, January 2000 through December 2000

January 2000 through December 2000

TAPR's forum for new APRS-related hardware and technology, particularly APRS-ready radios such as the Kenwood TH-D7 and TM-D700, along with GPS interfaces, cables, firmware, packet operation, satellites, mobile installations, troubleshooting, and operating techniques.

This volume contains 12 original monthly files and 2,895 messages, arranged chronologically. The PDF is a readable access copy: MIME transfer encodings are decoded, HTML bodies are converted to plain text, and non-text attachments are represented by descriptive notes. The raw source text is supplied separately with the Internet Archive item.

Month	Messages	Original source file
2000-01	392	htaprs.0001
2000-02	255	htaprs.0002
2000-03	301	htaprs.0003
2000-04	249	htaprs.0004
2000-05	331	htaprs.0005
2000-06	467	htaprs.0006
2000-07	232	htaprs.0007
2000-08	237	htaprs.0008
2000-09	129	htaprs.0009
2000-10	123	htaprs.0010
2000-11	83	htaprs.0011
2000-12	96	htaprs.0012

January 2000

Original source file: htaprs.0001
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0001

1. [htaprs] ADMIN: APRS Hot Technology SIG

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 01 Jan 2000 12:28:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57576-2000.01.01-11.42.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last year, TAPR created the HTAPRS SIG for discussion of the Kenwood
TH-D7 transceiver. This year, there is a demand for a new SIG for the
new Kenwood TM-D700A transceiver. In response to that demand, a new list
has been created at OneList.

Here, at TAPR, we deicided that rather than start another SIG, we are
renaming the TAPR HTAPRS SIG as the "APRS Hot Technology SIG." HTAPRS
will now be a place to discuss the latest and greatest in APRS goodies
without having to create a new SIG each time a new product is introduced.

So, feel free to use the HTAPRS SIG to discuss the TM-D700A, as well as
any new APRS products that comes down the pike in the future.

73,

Stan, WA1LOU, APRS/HTAPRS SIG Administrator

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] weather station

From: RASNM@aol.com
Date: Sat, 1 Jan 2000 16:04:01 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57610-2000.01.01-15.19.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have heard of a weather station mentioned on this list, compatable with the
D7A. Where can I read about this unit?

Thanks
ron-kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Re: Plotting 0,0 posits

From: PETEAMAR@aol.com
Date: Sat, 1 Jan 2000 16:55:57 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57622-2000.01.01-16.11.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi from Pete, KD4SPW, In Ft. Pierce, Fl.

     My experience with winaprs 226 and mobile trackers of any kind is as
such:
For me it is quite hard to follow a replayed track of a mobile tracker when
the operator cycles power on/off to the gps unit frequently. Such is the case
of the many operators who drive as a job and stop often or when anyone is out
running short errands. The 0,0 posits create tracking lines to Africa back
and forth for every time the gps unit is powered on again. My D7A does the
same of course.

      I am experimenting with using regular AA alkaline cells in my Garmin
GPS II. I am recharging them using the Rayovac Renewal recharger. This way I
leave my gps on while making stops. Other times I turn the gps off, but leave
the D7A on. The D7A will keep xmitting the last posit from the gps. Then
after gps is turned back on, it sends fresh posit. This usually happens very
quickly, even before I get out of parking lot. The D7A then never sends a 0,0
posit. If I will be stopped for more than A few minutes, I just turn off
beacon on the D7A. Of couse should the D7A batteries die causing the HT to
cycle on/off, it will lose the last posit and start sending 0,0 posits.
I just need to hard-wire gps to car battery, I guess.

So long
from Pete, KD4SPW.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Rayovac Renewal alkaline rechargers

From: PETEAMAR@aol.com
Date: Sat, 1 Jan 2000 19:31:25 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57653-2000.01.01-18.47.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Pete, KD4SPW wrote:
<< I am experimenting with using regular AA alkaline cells in my Garmin GPS
II. I am recharging them using the Rayovac Renewal recharger. This way I leave my gps on while making stops. Other times I turn the gps off, but leave the D7A on. The D7A will keep xmitting the last posit from the gps. Then after gps is turned back on, it sends fresh posit. This usually happens very quickly, even before I get out of parking lot. The D7A then never sends a 0,0 posit. If I will be stopped for more than A few minutes, I just turn off beacon on the D7A. Of couse should the D7A batteries die causing the HT to cycle on/off, it will lose the last posit and start sending 0,0 posits.
I just need to hard-wire gps to car battery, I guess.

So long
from Pete, KD4SPW.
>>

Marc wrote:
<< Peter,
I also have a renewal recharger, and found massive overheating problems recharging regular alkalines. You also have to put a bit of foil on the plus contact to establish the circuit. You are talking about recharging regular alks arent you? Ive found the performance of the rechargable type to be about 150 cycles, with increasing speed of discharge when used in my gps. Once the light won't go out after an 8 hour charge, theyre trash.

Thanks
Marc
<<

New from Pete, KD4SPW, in Ft. Pierce, Fl.
  Marc, 150 cycles of the Rayovac alkaline batteries seems very economical. Yes I have been using standard AA alkaline batteries, mostly those I buy at the Big Lots closeout store. I end up paying about 25 cents each. I feel they probably have much less life than the Copper tops or the Bunny batteries. Bob, WB4APR mentioned in a posting about his holiday trip about the gps not working after the cells drain to an average of about 1.2 volts. For this reason I don't get much recycle life in my gps. When the cells will not hold a high enough voltage, I then relegate them to use in the AA battery pack of my RS HTX 202. Then I cycle the heck out of them on receive only, as I carry it around the house listening to 2m repeaters.
  Since the plastic or mylar like wrapper at the + end of the batteries prevents their charging in the Renewal unit, I take an exacto or sheetrock cutter to slice through the wrapper. Then I peel that very top part off. I get nowhere near 150 cycles. Also the cells like to be recharged early on before they discharge much. The instructions with the chargers say much longer life will be realized from the cells if they are charged after each use before they discharge much. I have tried the Buddy L charger sold a few years ago with poor results. Just before Christmas while doing my 2:00 a.m. shopping at Walmart, I noticed a new Rayovac Renewal charger. It states that it will charge the Renewal batteries along with Nicads and Nickel Metal Hydrides. This probably means that they have changed the + charge terminal. It may no longer require the removal of the end of the wrapper surounding the tip.

Sorry to run on so long, but I thought others on the sig might be interested in another battery alternative.

Pete, KD4SPW.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] TM-D700 great TNC/Radio combo

From: David Cook <dacook@cityscape.net>
Date: Sun, 02 Jan 2000 01:20:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57696-2000.01.02-01.36.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hot Tech. Sig:
     Kenwood's TM-D700 works well hooked up to a PC com port. The cable
is available at Radio Shack; I needed a cable with 2 DB-9 female
connectors (straight wired, not a null modem cable) for $10. A familiar
TNC initialization screen appears using a terminal program. Set the
terminal program or packet program to com port speed 9600 bps (the TNCs'
default). You must select [F] (1 s), [TNC] until "TNC PKT" is displayed
at the top left on the radio display. Enter your callsign in the MYCALL
TNC command (MYCALL KB9OQL). Use the "HBAUD" TNC command to switch from
1200/9600 baud packet radio capabilities. With the 2 meter power
settings, you've got a 5/10/50 watt packet station. I haven't tried
this yet, but I'm sure my Palm III will also plug in (using the Delorme
Tripmate GPS cable) to the serial cable I bought to run a terminal
program for mobile packet operations.

--
David Cook - KB9OQL
"Why ask why? Drink BudDry!"
E-mail: dacook@cityscape.net
Web Homepage: http://www.cityscape.net/~dacook
See where my van is: http://map.aprs.net/kb9oql-15

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Re: Plotting 0,0 posits

From: Carl <carl_mail@dr.com>
Date: Sun, 02 Jan 2000 10:40:00 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-57701-2000.01.02-04.42.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   My experience with winaprs 226 and mobile trackers of any kind is as
> such:
> For me it is quite hard to follow a replayed track of a mobile tracker when
> the operator cycles power on/off to the gps unit frequently. Such is the case
> of the many operators who drive as a job and stop often or when anyone is out
> running short errands. The 0,0 posits create tracking lines to Africa back
> and forth for every time the gps unit is powered on again. My D7A does the
> same of course.

Make sense for APRS to ignore 00 posits clearly.

I leave the GPS running for short stops, but not for longer ones and
since there are lots of trees and hills here it can take five mins
to get a sync once I drive off (esp in rain) so I guess that puts me
in the sea too....

>   I am experimenting with using regular AA alkaline cells in my Garmin
> GPS II. I am recharging them using the Rayovac Renewal recharger. This way I

I aim to put a 12v smoother and 7v reg in the same 12v plug - and run the
GPS and 3w tx from the same lead... with a switch to disable the TX
power as I really hate driving into petrol stations with a beacon set
and if I power down, I get a TX at the pump when I switch on again...oops..

> I just need to hard-wire gps to car battery, I guess.

Or switch the GPS-Radio line and only enable it when you have a fix.

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] Re: Rayovac Renewal alkaline rechargers

From: Tom Busch <tomb@kiva.net>
Date: Sun, 02 Jan 2000 08:10:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57705-2000.01.02-07.24.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know if anyone else ran into this, but I noticed the Renewal AA
cells seem slightly smaller than the other AA cells. I used to use them in
my Magellan GPS because it really eats them up, but one day, a new set I
bought seemed to slip in just a little too easily, and it wouldn't stay
on. All the ones I bought since then have this problem. The regular
alkalines are fine.

TomB

At 07:31 PM 1/1/00 -0500, you wrote:
>Pete, KD4SPW wrote:
><<   I am experimenting with using regular AA alkaline cells in my Garmin
>GPS
>II. I am recharging them using the Rayovac Renewal recharger. This way I
>leave my gps on while making stops. Other times I turn the gps off, but leave
>the D7A on. The D7A will keep xmitting the last posit from the gps. Then
>after gps is turned back on, it sends fresh posit. This usually happens very
>quickly, even before I get out of parking lot. The D7A then never sends a 0,0
>posit. If I will be stopped for more than A few minutes, I just turn off
>beacon on the D7A. Of couse should the D7A batteries die causing the HT to
>cycle on/off, it will lose the last posit and start sending 0,0 posits.
>I just need to hard-wire gps to car battery, I guess.
>
>   So long
>from Pete, KD4SPW.
> >>
>
>Marc wrote:
><<   Peter,
>I also have a renewal recharger, and found massive overheating problems
>recharging regular alkalines. You also have to put a bit of foil on the
>plus contact to establish the circuit. You are talking about recharging
>regular alks arent you? Ive found the performance of the rechargable type
>to be about 150 cycles, with increasing speed of discharge when used in my
>gps. Once the light won't go out after an 8 hour charge, theyre trash.
>
>Thanks
>Marc
><<
>
>New from Pete, KD4SPW, in Ft. Pierce, Fl.
>   Marc, 150 cycles of the Rayovac alkaline batteries seems very
>economical. Yes I have been using standard AA alkaline batteries, mostly
>those I buy at the Big Lots closeout store. I end up paying about 25 cents
>each. I feel they probably have much less life than the Copper tops or the
>Bunny batteries. Bob, WB4APR mentioned in a posting about his holiday trip
>about the gps not working after the cells drain to an average of about 1.2
>volts. For this reason I don't get much recycle life in my gps. When the
>cells will not hold a high enough voltage, I then relegate them to use in the
>AA battery pack of my RS HTX 202. Then I cycle the heck out of them on
>receive only, as I carry it around the house listening to 2m repeaters.
>   Since the plastic or mylar like wrapper at the + end of the batteries
>prevents their charging in the Renewal unit, I take an exacto or sheetrock
>cutter to slice through the wrapper. Then I peel that very top part off. I
>get nowhere near 150 cycles. Also the cells like to be recharged early on
>before they discharge much. The instructions with the chargers say much
>longer life will be realized from the cells if they are charged after each
>use before they discharge much. I have tried the Buddy L charger sold a few
>years ago with poor results. Just before Christmas while doing my 2:00 a.m.
>shopping at Walmart, I noticed a new Rayovac Renewal charger. It states that
>it will charge the Renewal batteries along with Nicads and Nickel Metal
>Hydrides. This probably means that they have changed the + charge terminal.
>It may no longer require the removal of the end of the wrapper surounding the
>tip.
>
>Sorry to run on so long, but I thought others on the sig might be interested
>in another battery alternative.

>
>Pete, KD4SPW.
>
>
>
>---
>You are currently subscribed to htaprs as: tomb@kiva.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] A friendly suggestion for quoting long messages

From: Ralph <rwf@bsrg.org>
Date: Sun, 02 Jan 2000 09:52:37 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57711-2000.01.02-09.05.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is always best to quote as little as possible, but an additional form of
"Netiquette" is to write your response ABOVE any messages you are quoting.
They would be ever so much easier to read- especially when the writer feels
that he has to completely quote additional previous messages. With the
heavy traffic on all these APRS SIGs, it really makes it hard to read all
messages (which I still do) when someone wastes so much of our time making
us dig for the meat.

A lot of folks can preview the first 10-20 lines of a message, too. If the
meat is in the beginning, we can even keep from having to fully open the
message, too! Thanks!   Ralph

Someone wrote:
<snip>
Sorry to run on so long, but I thought others on the sig might be interested
in another battery alternative. . . .

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: TM-D700 great TNC/Radio combo

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 2 Jan 2000 11:16:04 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57724-2000.01.02-10.32.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 2 Jan 2000, David Cook wrote:

> Hot Tech. Sig:
>   Kenwood's TM-D700 works well hooked up to a PC com port.... Set the
> terminal program or packet program to com port speed 9600 bps (the TNCs'
> default).....   Use the "HBAUD" TNC command to switch from
> 1200/9600 baud packet radio capabilities.

To test your new radio at 9600 baud, you will get 16 passes a day from
these satellites, all sending continuous 9600 baud data.

UO22, KO23, KO25, TM31

>From a mobile antenna you should be able to get a few minutes of data
during the center of the pass when the satellite is above say 30 degrees.
(But not from a base station due to coax loss).

These satellites make excellent 9600 baud TEST signals.. anywhere on the
planet... With a small handheld beam (3 elements or so) you should be
able to get packets from horizon to horizon...

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] [aprssig] Re: TM-D700 great TNC/Radio combo (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 2 Jan 2000 12:10:22 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57748-2000.01.02-11.26.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike asked for my opinions on the new Kenwood relative to should he
upgrade from his THD7. Of course, everyone's needs are different, but
here are what I see as the key points in the comparison:

1) The software is mostly identical. Even Menu's are similar
2) D700 has 50W. (Thats 10 dB over the HT. Good for mobiles)
3) Has 5 set ups, so you can set 5 POSITS and STATUS texts (one for work,
home, boat, travel, etc) But if you use GPS, then your posit is always
valid anyway... But I use the HOME, WORK, and COMMUTE posits so I dont
have to have a GPS running for 95% of my travels... (My inability to keep
a GPS working in my mobile is a personal problem, not yours...:-)

4) Has packet MONIOTR display so you can see EVERY packet. Nice for
reading the mail. (But it is just a RAW display. It doesnt capture
other peoples messages specifically, just displays all packets.

5) The 9600 baud will be GREAT for satellites, once we figure out how to
use it..

6) ALL info about a station is shown on 1 screen instead of 5 in the THD7
7) Lower case alphabet is easier to enter in messages
8) Can digi for RELAY, WIDE and TRACE (Pse disable W and T usually)
9) SHows time-of-receipt for messages
10) Can receive MESSAGE and BULLETIN groups
11) Flags un-read messages
12) You can now DELETE messages
13) You can enter degrees of position ambiguity
11) Can output 6,7,8 and 9 character Waypoints to GPS units that can
    accept the longer length. Thus, full calls can be displayed

But you cannot carry it in your shirt pocket.... Im sure I left
somethings out. But these are the ones that come to mind...

De WB4APR, Bob

4) All On Sun, 2 Jan 2000 AC6JA@aol.com wrote:

> bob,
> i looked at the new kenwood mobile rig last week and was wondering if you've
> posted your thoughts yet on the new rig.
> was wondering if you felt it was worth the extra money to go from the th-d7a
> to the new rig?
> presently have the yaesu ft-8100r dual band and th-d7a in the truck. i was
> thinking i could reduce rig count with the new kenwood tm-d700a. i used to
> have the tm-v7a in the truck but hated that blue display (very temperature
> sensitive!) and didn't like the fact that the rig would take the PTT away
> when talking on another band (i assume the new rig does something similar?).
> anyways, would like to hear your comments on the new rig.
> thanks!
>
> mike ac6ja
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to aprssig as: bruninga@nadn.navy.mil
To unsubscribe send a blank email to leave-aprssig-10461M@lists.tapr.org

---

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Re: [aprssig] Re: TM-D700 great TNC/Radio combo (fwd)

From: "Mark Doore (K3RAM)" <md@webtrek.com>
Date: Sun, 02 Jan 2000 12:35:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57753-2000.01.02-11.52.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Wondering about a couple of basics, to see if could replace stand-alone
tracker in the XYL's vehicle:

  - Does packet work in background? For instance, set 2m/440 to normal
voice channels but packet to 144.390 and have packet xmit/rcv without
intervention?? Some kind of hold-off so does not transmit packet while
voice being received or transmitted?

  - Semi-off mode? Where display is off but APRS packets still get
xmitted?? (so still useful when xyl doesn't turn radio on, or vehicle is
stolen)

  - Crossband digipeating between 2m/440?? And still useable for
regular voice?

Thanks in advance,

Mark/K3RAM

Bob Bruninga wrote:
>
> Mike asked for my opinions on the new Kenwood relative to should he
> upgrade from his THD7. Of course, everyone's needs are different, but
> here are what I see as the key points in the comparison:
>
> 1) The software is mostly identical. Even Menu's are similar
> 2) D700 has 50W. (Thats 10 dB over the HT. Good for mobiles)
> 3) Has 5 set ups, so you can set 5 POSITS and STATUS texts (one for work,
> home, boat, travel, etc) But if you use GPS, then your posit is always
> valid anyway... But I use the HOME, WORK, and COMMUTE posits so I dont
> have to have a GPS running for 95% of my travels... (My inability to keep
> a GPS working in my mobile is a personal problem, not yours...:-)
>
> 4) Has packet MONIOTR display so you can see EVERY packet. Nice for
> reading the mail. (But it is just a RAW display. It doesnt capture
> other peoples messages specifically, just displays all packets.
>
> 5) The 9600 baud will be GREAT for satellites, once we figure out how to
> use it..
>
> 6) ALL info about a station is shown on 1 screen instead of 5 in the THD7
> 7) Lower case alphabet is easier to enter in messages
> 8) Can digi for RELAY, WIDE and TRACE (Pse disable W and T usually)
> 9) SHows time-of-receipt for messages
> 10) Can receive MESSAGE and BULLETIN groups
> 11) Flags un-read messages
> 12) You can now DELETE messages
> 13) You can enter degrees of position ambiguity
> 11) Can output 6,7,8 and 9 character Waypoints to GPS units that can
>   accept the longer length. Thus, full calls can be displayed
>
> But you cannot carry it in your shirt pocket.... Im sure I left
> somethings out. But these are the ones that come to mind...
>
> De WB4APR, Bob
>
> 4) All On Sun, 2 Jan 2000 AC6JA@aol.com wrote:
>
> > bob,
> > i looked at the new kenwood mobile rig last week and was wondering if you've
> > posted your thoughts yet on the new rig.
> > was wondering if you felt it was worth the extra money to go from the th-d7a
> > to the new rig?
> > presently have the yaesu ft-8100r dual band and th-d7a in the truck. i was
> > thinking i could reduce rig count with the new kenwood tm-d700a. i used to
> > have the tm-v7a in the truck but hated that blue display (very temperature
> > sensitive!) and didn't like the fact that the rig would take the PTT away
> > when talking on another band (i assume the new rig does something similar?).
> > anyways, would like to hear your comments on the new rig.

> > thanks!
> >
> > mike ac6ja
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
> ---
> You are currently subscribed to aprssig as: bruninga@nadn.navy.mil
> To unsubscribe send a blank email to leave-aprssig-10461M@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: md@webtrek.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Mark Doore (K3RAM)   md@webtrek.com
Voice: 301-572-2385/2380   Fax: 301-572-2358   Pager: 703-721-4236
Freqs: 443.450+, 147.225+, 147.540, 444.250+, 445.975, 146.955-
 APRS: 144.390   K3RAM, N3SCU, K3RAM-1, K3JNT
  Web: http://www.webtrek.com/md
My Car at: http://www.aprs.net:8000/k3ram
 Ondine's: http://www.aprs.net:8000/n3scu
and Dad's: http://www.aprs.net:8000/k3jnt

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] RE: Rayovac Renewal alkaline rechargers

From: "Joe B. Dorn" <joedorn@stonemedia.com>
Date: Sun, 2 Jan 2000 11:54:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57755-2000.01.02-12.10.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

First I will assume that if you are using a GPS, you are moving which
usually implies a vehicle with a battery. Why not spring for the cigarette
lighter adapter and save yourself a lot of hassle? If you are in a 'must
use' AA mode, hiking or bicycling, go to Sam's and buy one of their 20 packs
of AA's, usually very reasonably priced and very fresh. An extra 4-pack
takes very little room.

I am a professional photographer and when I was doing weddings I would
change out all of my batteries before each wedding (cheaper than a law suit
or redoing a wedding). Early on I tried the rechargeable route and ended up
with a very unreliable situation. I gave the whole mess, about 50 batteries
to my grandkids for their toys. I then used the slightly discharged
batteries from the weddings for my radios and GPS units.

The first Garmin cable I had was just a Garmin to DB-9 and we would often
have the GPS batteries run down about the middle of a trip. I would then
have to talk my wife through replacing the batteries, restarting the GPS,
and restarting Street Atlas as I tried to keep the motor home on the road.
The cable with the serial adapter and cigarette lighter adapter has saved
many a harsh word. In normal operation, (we travel a lot) I will change the
batteries about every two months unless I forget to turn the GPS off...

Beware... Garman also has a cable with the cigarette lighter adapter and the
data lines are without the DB-9. Make sure you order what you want. I had to
go directly to Garmin...

Joe Dorn, W5VEX, Belton, Texas

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Need help for software

From: "Clayton Watson" <kb0wzi@atlascomm.net>
Date: Sun, 2 Jan 2000 12:28:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57759-2000.01.02-12.45.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm looking for a terminal program (dos) for the thd7a on my laptop so I can connect via regular packet to my remote digi and set parametrs. Haven't had any luck finding a program so far.

Clayton Watson
kb0wzi@arrl.net

Remeber: If it ain't broke, you're not trying!!!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] D700 9600 baud pacsats

From: "JerseyVCape OC" <kb2wqm@jerseycape.com>
Date: Sun, 2 Jan 2000 16:59:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57790-2000.01.02-16.15.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good evening , and a Happy New Year, been playing around with my D700, got everything working except the 9600 baud in non APRS tnc mode. There is a minor bug in how icons are sent out in GPS or non GPS mode, with some APRS S/W. (Attached message/reply from WinAPRS/MACAPRS author). If you do a disp with a pc running a terminal program you can see the command set. A command list appears at the end of this message. The configuration menu doesn't configure the tnc for 9600 baud in non APRS tnc mode. What you have to do is, from the command line enter a hbaud 9600, and bingo your in 9600 baud ! Also going to set fu on . Going to try to post a short message on KO-25 tonight running WiSP on my laptop, using the vertical mobile antenna on my truck. I will post my results here on the SIG.

73 Jeff kb2wqm

A list of the Disp command result's........

```
cmd:disp
disp
ASYRXOVR 0
AUTOLF   ON
AXDELAY  0
AXHANG   0
BEACON   EVERY 0
BBFAIED  0
BTEXT
Link state is: DISCONNECTED
CHECK    30
CMSG     OFF
CMSGDISC OFF
CPACTIME OFF
CR       ON
CONOK    ON
CONMODE  CONVERSE
CONSTAMP OFF
DAYSTAMP OFF
DAYUSA   ON
DWAIT    30
DIGIPEAT ON
DIGISENT 0
ECHO     ON
EPATH
FLOVER   0
FLOW     ON
FRACK    3
FULLDUP  ON
GBAUD    4800
GPSFILT1
GPSFILT2
GPSFILT3
GPSFILT4
GPSTEXT  $PNTS
HBAUD    9600
HEALLED  OFF
```

```
HID      ON
HOVRERR  0
HUNDRERR 0
KISS     OFF
KILL     ON
LCSTREAM ON
LOCATION EVERY 0
LPATH    GPS
LTEXT    $PNTS,1,0,,,,200436,3910.327,N,07447.479,W,,,0,,000,1*04
LTMON    0
MONITOR  ON
MBOD     OFF
MAIL     OFF
MALL     ON
MCON     OFF
MRPT     ON
MSTAMP   OFF
MYCALL   KB2WQM
MYALIAS
MYMCALL
MAXFRAME 4
MCOM     OFF
NEWMODE  OFF
NOMODE   OFF
NPATH
NTSGRP
NTSMRK   $00
NTSMSG
OVERKILL 0
PACLEN   128
PASSALL  OFF
PACTIME  AFTER 10
PERSIST  128
PPERSIST ON
RCVDFRMR 0
RCVDIFRA 0
RCVDREJ  0
RCVDSABM 0
RETRY    10
RESPTIME 5
ROUTE    ON
RXCOUNT  6
RXERRORS 211
SENDPAC  $0D
SENTFRMR 0
SENTIFRA 0
SENTREJ  0
SLOTTIME 3
SOFTDCD  OFF
SPATH
STREAMSW $01
STREAMCA ON
STREAMDB OFF
TOUT     30
TRIES    0
TRACE    OFF
TXCOUNT  3
TXDELAY  50
TXTMO    0
UNPROTO  CQ
USERS    1
UIDIGI   OFF
UICHECK  28
UIDWAIT  OFF
UIFLOOD  ,NOID
UISSID   OFF
UITRACE
WPATH
XFLOW    ON


and a  tnc bootup message...........

cmd:PS 0
PS 1
TASCO Radio Modem
AX.25 Level 2 Version 2.0
Release 03/Dec/99 3Chip ver 1.08
Checksum $04
```

cmd:DA 000102162907
cmd:

A correspondence with WinAPRS author..........

>Happy New Year Keith. I just picked up a D700 a few days ago and
>noticed some unexplained S/W handling of position icons. Here's
>what's happening. I'm running the D700 without a GPS hooked up, in
>my mobile, posi'ng a Kenwood W. I see a Kenwood W at my base APRS
>station, running WinAPRS 2.4.1 and Win98. Also at this time
><http://www.aprs.net>www.aprs.net, and a Win98 machine running
>APRSPLUS 1.99 see's a Kenwood W. BUT,at the same time A station
>running Win95, WinAPRS 2.4.1 , a station running Win95 WinAPRS
>2.2.8, and another station (a MAC) running MACAPRS 340 see's a blue
>mailbox. When this was first brought to my attention, I thought one
>station got a corrupted packed. But this consistently happens. I can
>turn the GPS on and off to reproduce the results, every time.
> When I switch on the GPS,a Garmin 12XL, ALL STATIONS see the same icon, a
Kenwood W.
    Are you aware of this? I vaguely remember you mentioning in the
>SIGS the differences encountered running different operating
>systems. I also remember this being a D7 problem? If you need some
>more data, like hex captures of the packets in question, from the D7
>or the D700, let me know.

73 Jeff kb2wqm

I think this is a problem on our end and will be fixed shortly.. We
have to be able to duplicate it though.. It is a tough one..
However, we have seen some problems with the MicEncoder data not
being translated on the internet correctly, so that could be part of
the problem..

Keith Sproul

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Re: Need help for software

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 2 Jan 2000 18:09:50 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57800-2000.01.02-17.25.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 2 Jan 2000, Clayton Watson wrote:

> I'm looking for a terminal program (dos) for the thd7a on my laptop so I can
> connect via regular packet to my remote digi and set parametrs. Haven't had
> any luck finding a program so far.

I use PROCOMM for all such applications. Its been around for years...
bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] SC-NC-VA Road Trip

From: "Lloyd Mitchell" <kd4htw@bellsouth.net>
Date: Sun, 2 Jan 2000 18:12:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57801-2000.01.02-17.29.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have watched the "topic of coverage in NC and VA the last few days I just found out I am leaving tonight, Sunday to go to Washington DC and back in less than 24 hours...

Course is from Florence SC to Washington DC via I-95 both directions....so watch and see where (if) I fall out of the system guys and gals...

Lloyd KD4HTW --- -9 in the car.

17. [htaprs] Garmin eTrex & TH-D7A

From: "Steve Sande" <kc0ezh@arrl.net>
Date: Sun, 2 Jan 2000 17:23:12
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57804-2000.01.02-17.40.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone successfully (or otherwise) interfaced a Garmin eTrex with a
TH-D7A? The eTrex is inexpensive ($119.95 through www.thegpsstore.com),
small (2" x 4.4" x 1.2", 5.3 oz.), has good battery life (22 hrs from 2
AAs), and looks like it can withstand some rough handling. Specs say it has
the following interfaces: RS232 with NMEA 0183, RTCM 104 DGPS data format
and proprietary GARMIN. Likewise, Garmin has also released the eMap, which
is a bit larger, heavier, more expensive, but has a really nice moving map
display.

Happy New Year to everyone!

73s,

KC0EZH, Steve Sande

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Inverted responses for Jeopardy fans

From: "Lumpy (mobile)" <lumpy@digitalcartography.com>
Date: Sun, 02 Jan 2000 19:19:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57810-2000.01.02-18.34.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph <rwf@bsrg.org> wrote:

> ...It is always best to quote as little as possible...
> ...an additional form of "Netiquette" is to write your
> response ABOVE any messages you are quoting...

Seems like this topic surfaces every 6 months or so.
I prefer the typical english language approach,
comments get tacked onto the end of the previous comments.

Here's a quote from the TAPR SIG FAQ at
http://www.tapr.org/tapr/html/Frfc1855.html

   "If you are sending a reply to a message or a posting
    be sure you summarize the original at the top of the
    message..."

Note the suggestion to summarize at the top.

Now, all that said, I agree with Ralph 200% on the
snip for brevity issue.

Also from the TAPR SIG FAQ -

   "...include just enough text of the
    original to give a context...
    Giving context helps everyone. But
    do not include the entire original!"

Lumpy ab0gd
--
Temporary Duty Assignment
West Hartford, Connecticut

The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] DCS

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Sun, 02 Jan 2000 23:37:08 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-57881-2000.01.02-23.37.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can the kenwood do DCS. I was just curious.
 if anyone has info please contact me.
Thanks

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] Re: A friendly suggestion for quoting long messages

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Sun, 2 Jan 2000 22:46:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57893-2000.01.03-00.10.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have found that using the subject line of the message works as I can go
back and see the subject lime to read the original text, but then again I
use Outlook Express and can do a search for specific text as well and save
all the mail that comes my way as well, but I am a pack rat by nature. I
save all my mail in different folders and I know it is taking up disk space
but what the heck.

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Re: Rayovac Renewal alkaline rechargers

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Mon, 03 Jan 2000 00:10:50 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57894-2000.01.03-00.10.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had the same problem, but the new Maha AA don't do that. I have three sets, one in thr unit, one in the Maha charger, and the other in the solar charger.

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] RE: Rayovac Renewal alkaline rechargers

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Mon, 03 Jan 2000 00:23:50 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57895-2000.01.03-00.23.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The problem I had with the regular alkiline was Ineeded to carry fifty pairs to keep up with the Divison
 of Wildlife in the camping and surveying projects. This was solved with the Ni-Hy batteries and a solar
 charger. The solar charger I ordered from U.S. Cav . The Maha chargeralso runs off 12 volts as well.
  Mahas charger . I have both to be able to run in the woods or mobile.
But a power cable is nice too

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: DCS

From: Jon Anhold <jon@snoopy.net>
Date: Mon, 3 Jan 2000 04:54:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57909-2000.01.03-04.11.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, it can.

I just got mine, and I'm wondering if it can be programmed by a PC.

Maybe I should try the D7A software :)

-j

Previously, Peter J Anderson (fire_rescue_ems1@netzero.net) said:
> Can the kenwood do DCS. I was just curious.
> if anyone has info please contact me.
> Thanks
> _____________________________________
> NetZero - Defenders of the Free World
> Get your FREE Internet Access and Email at
> http://www.netzero.net/download/index.html
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Flashlight: A case for holding dead batteries.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---

24. [htaprs] Garmin eTrex works

From: "Charles Clark" <n5uxv@bellsouth.net>
Date: Mon, 3 Jan 2000 05:16:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57913-2000.01.03-05.32.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Garmin eTrex works with the TH-D7A pick up one for $119 from Office
Depot the other day.
Had to Order a pc cable off the internet. wired a DB9 to TH-D7A adapter
used NNEA on the eTrex
and every thing worked just fine.. I could not find the data cable with just
wire ends hope to soon it would be cheaper.
73 de Charlie N5UXV

n5uxv@qsl.net

www.qsl.net/n5uxv/

Subject: Garmin eTrex & TH-D7A
From: "Steve Sande" <kc0ezh@arrl.net>
Date: Sun, 2 Jan 2000 17:23:12
X-Message-Number: 13

Has anyone successfully (or otherwise) interfaced a Garmin eTrex with a
TH-D7A? The eTrex is inexpensive ($119.95 through www.thegpsstore.com),
small (2" x 4.4" x 1.2", 5.3 oz.), has good battery life (22 hrs from 2
AAs), and looks like it can withstand some rough handling. Specs say it has
the following interfaces: RS232 with NMEA 0183, RTCM 104 DGPS data format
and proprietary GARMIN. Likewise, Garmin has also released the eMap, which
is a bit larger, heavier, more expensive, but has a really nice moving map
display.

Happy New Year to everyone!

73s,

KC0EZH, Steve Sande

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: Accessories - What to buy?

From: "Larry P. Thomas wa0gwa" <lpthomas@krell.com>
Date: Mon, 03 Jan 2000 07:39:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57932-2000.01.03-07.55.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >* Kenwood BT-11 Battery Case So I can use alkalines in an emergency $18
>Another good choice. When the nicad poop out you can always go to Rat Shack
>and buy alkalines.

You can also buy a set of Energizer Lithium primary cells for this battery
pack, These cells are rated at 2,600 mAHr and will work at very cold
temperatures and have an extremely long self life.

Later
Larry

- Imagine it / Achieve it - Dream it / Become it -
  Larry P. Thomas wa0gwa voice : 1 913 888-0282
  Krell Technologies fax : 1 913 782-9359
  8960 Bond pager : 1 913 617-HELP
  Overland Park, KS www.krell.com
  66214-1722 USA lpthomas@krell.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] Re: [aprssig] D700 list

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 3 Jan 2000 08:43:46 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-57935-2000.01.03-08.00.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 3 Jan 2000, Ciemon G0TRT wrote:

> > THey did. HTAPRS still exists and simply invites D700 discussion there.
> > No one needs to re-subscribe or anything. Its only a NAME change to
> > accomodate both the THD7 and the TMD700. ANd since the TMD700 software is
> > only a superset of the software in the THD7, then it only makes sense to
> > have one list...
>
> It's now the Hot Tech list, not the Kenwood radio list, so any and all new
> technology relating to APRS should go on that list. New DF kit, new wx kit,
> new tnc's, infact everything that doesn't concern the day to day running of
> APRS.

Hummh... I didnt see it that way. I saw it as a name change with the
intent of making it a list for both Kenwood radios. And just changing the
namedefinition was the easy way so that all existing subscribers didnt
have to do anything to be subscribed. We'll see.. I guess...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] TM-D700A Quirk

From: Jon Ogden <jono@enteract.com>
Date: Mon, 03 Jan 2000 07:51:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57938-2000.01.03-08.06.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy all and Happy New Year,

Well, I was (and still am slightly) sick all of this past New Year's
Weekend. Yup, watched the festivities Friday night flat on my back! So

needless to say, I didn't do a whole lot of playing with the TM-D700.

I did manage to find a quirk though and I know Kenwood reads these lists, so an answer from them would be great.

The TM-D700 has several standard posit comments such as "Returning", "Off Duty", "Priority", "Emergency", etc. It also has six custom comments labeled "custom1" through "custom6." The problem is that I can't figure out how to customize the custom fields. The specialized communications manual included with the radio makes just a passing footnote comment about these that they are "user programmable." However, nowhere in either manual are instructions given on programming them.

Is this a firmware step Kenwood forgot? And if it is, will I need to send the whole radio in to Kenwood or will they make it user upgradeable?

For a guy just driving around town, the standard posit comments are a little goofy. I'd like to be able to set my own. Does anyone know how to do it?

Thanks es 73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: Pic needed for Kenwood TMV700

From: "Edward A. Behl" <ed@eabehl.com>
Date: Mon, 03 Jan 2000 08:54:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
htaprs@tapr.org, TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-57940-2000.01.03-08.10.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob -

Yikes! Convert ASCII to DTMF so it can be converted back to ASCII???
You're right --- it wouldn't be "perfect." In fact, it sounds pretty convoluted!

Wouldn't there likely be a more straight-forward way; say, through the serial control/tnc port? What about a PIC to go from PC keyboard to RS-232? And maybe a couple of buttons or keystrokes to select TNC packet or APRS modes, maybe even a rig control mode to set menu items and enter memory presets. Heck, you could implement a complete outboard control system that pasted prompts right on the D700's display.

If you're going to use an external processor to augment the control functionality of the TM-D700's processor and software already running in the radio itself (which sounds kinda goofy as it is...) why not go all the way?

This probably sounds a little flippant or like a flame, but that's not my intention. I'm just thinking out loud. The D700 is somewhere between a radio with built-in TNC and a full-blown mobile data terminal (MDT). What I think you're proposing is the use of a "black box" to fill in the missing pieces.

I'm not opposed to that idea at all. It's just a shame we can't tap the internal processor already in the rig. Perhaps someday a manufacturer will allow room for loading and running custom macros in the rig, or a sort of "KISS" mode to allow complete outboard control of the radio using API's.

Sort-of like the Kachina version of a dual-band FM radio...

73's and Happy New Year!

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] RE: Garmin eTrex works

From: "Joe B. Dorn" <joedorn@stonemedia.com>
Date: Mon, 3 Jan 2000 08:01:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57944-2000.01.03-08.18.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You should be able to get the cable direct from Garmin assuming it is the
same as the other Garmin units..... Ain't cheap though...

Joe Dorn, W5VEX, Belton, Texas

-----Original Message-----
From: bounce-htaprs-9157@lists.tapr.org
[mailto:bounce-htaprs-9157@lists.tapr.org]On Behalf Of Charles Clark
Sent: Monday, January 03, 2000 5:17 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Garmin eTrex works

The Garmin eTrex works with the TH-D7A pick up one for $119 from Office
Depot the other day.
Had to Order a pc cable off the internet. wired a DB9 to TH-D7A adapter
used NNEA on the eTrex
and every thing worked just fine.. I could not find the data cable with just
wire ends hope to soon it would be cheaper.
73 de Charlie N5UXV

n5uxv@qsl.net

www.qsl.net/n5uxv/

Subject: Garmin eTrex & TH-D7A
From: "Steve Sande" <kc0ezh@arrl.net>
Date: Sun, 2 Jan 2000 17:23:12
X-Message-Number: 13

Has anyone successfully (or otherwise) interfaced a Garmin eTrex with a
TH-D7A? The eTrex is inexpensive ($119.95 through www.thegpsstore.com),
small (2" x 4.4" x 1.2", 5.3 oz.), has good battery life (22 hrs from 2
AAs), and looks like it can withstand some rough handling. Specs say it has
the following interfaces: RS232 with NMEA 0183, RTCM 104 DGPS data format
and proprietary GARMIN. Likewise, Garmin has also released the eMap, which
is a bit larger, heavier, more expensive, but has a really nice moving map
display.

Happy New Year to everyone!

73s,

KC0EZH, Steve Sande

You are currently subscribed to htaprs as: joedorn@stonemedia.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: Accessories - What to buy?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 3 Jan 2000 09:25:04 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57950-2000.01.03-08.42.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 3 Jan 2000, Larry P. Thomas wa0gwa wrote:

> * Kenwood BT-11 Battery Case So I can use alkalines in an emergency
>
> You can also buy a set of Energizer Lithium primary cells for this battery
> pack, These cells are rated at 2,600 mAHr and will work at very cold
> temperatures and have an extremely long self life.

Hummh... normal everyday AA Alkalines are 2,700 mAH and have a 4 year
shelf life....? So it seems the only advantage of the lithium's are their
cold temperature performance?

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: TM-D700A Quirk

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 3 Jan 2000 09:38:10 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57951-2000.01.03-08.55.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 3 Jan 2000, Jon Ogden wrote about the CUSTOM comments:

> The TM-D700 has several standard posit comments such as "Returning", "Off
> Duty", "Priority", "Emergency", etc. It also has six custom comments
> labeled "custom1" through "custom6." The problem is that I can't figure out
> how to customize the custom fields. The ... manual...says ... these
> are "user programmable."

*** They should have used the term "user definable". The custom messages
C0 through C6 are just that. "C0" through "C6". The user and his
recepient must agree apriori what they mean. This was
intentioally NOT made user "programmable" because the potential for
the sender and receiver to have different definitions as to what they
meant would lead to on-air communications errors.

The intent of the CUSTOM comments are for personal use. IE, you and your
wife agree that C1 means "You pick up the kids", or C2 means "take out the
garbage", or in your club, C6 means "call me"...etc...

If you think about it, any attempt to allow firmware definitions would
lead to a tower of Babble and no one could ever trust the intent of the
sender... Leting C1 simply mean "C1" is the only way to assure that this
ambiguity is not missinterpreted...

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] Re: Pic needed for Kenwood TMV700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 3 Jan 2000 09:44:23 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        htaprs@tapr.org, TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-57952-2000.01.03-09.00.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Edward A. Behl wrote about adding an external MESSAGE KEYBOARD:

> Yikes! Convert ASCII to DTMF so it can be converted back to ASCII???

>
> Wouldn't there likely be a more straight-forward way; say, through the
> serial control/tnc port? What about a PIC to go from PC keyboard to
> RS-232? And maybe a couple of buttons or keystrokes to select TNC packet
> or APRS modes, maybe even a rig control mode to set menu items and enter
> memory presets. Heck, you could implement a complete outboard control
> system that pasted prompts right on the D700's display.

Maybe you can convince Kenwood to do a re-design. But in the meant time,
what we have is a radio that accepts MESSAGE TEXT entry from the Mic
TTpad.

> If you're going to use an external processor to augment the control
> functionality of the TM-D700's processor and software already running in
> the radio itself (which sounds kinda goofy as it is...) why not go all
> the way?
>
> This probably sounds a little flippant or like a flame, but that's not
> my intention. I'm just thinking out loud. The D700 is somewhere between
> a radio with built-in TNC and a full-blown mobile data terminal (MDT).
> What I think you're proposing is the use of a "black box" to fill in the
> missing pieces.

Yep...

> I'm not opposed to that idea at all. It's just a shame we can't tap the
> internal processor already in the rig. Perhaps someday a manufacturer
> will allow room for loading and running custom macros in the rig, or a
> sort of "KISS" mode to allow complete outboard control of the radio
> using API's.
>
> Sort-of like the Kachina version of a dual-band FM radio...
>
> 73's and Happy New Year!
>
> --
> Edward A. Behl - KG4ALG
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Re: TM-D700A Quirk

From: Jon Ogden <jono@enteract.com>
Date: Mon, 03 Jan 2000 09:05:09 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57956-2000.01.03-09.20.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/3/00 8:38 AM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> *** They should have used the term "user definable". The custom messages
> C0 through C6 are just that. "C0" through "C6". The user and his
> recepient must agree apriori what they mean. This was
> intentioally NOT made user "programmable" because the potential for
> the sender and receiver to have different definitions as to what they
> meant would lead to on-air communications errors.

OK.

One thing I forgot to mention is that when I first powered up the rig and
started it on APRS, I set the posit message to C0. I got an e-mail from a
guy who told me that I was sending EMERGENCY packets. I wasn't, but yet
they were showing up that way.

Any ideas?

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Re: TM-D700A Quirk

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 3 Jan 2000 10:12:20 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57957-2000.01.03-09.28.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 3 Jan 2000, Jon Ogden wrote:

> > *** They should have used the term "user definable". The custom messages
> > C0 through C6 are just that. "C0" through "C6". The user and his
> > recepient must agree apriori what they mean. This was
> > intentioally NOT made user "programmable" because the potential for
> > the sender and receiver to have different definitions as to what they
> > meant would lead to on-air communications errors.
>
> One thing I forgot to mention is that when I first powered up the rig and
> started it on APRS, I set the posit message to C0. I got an e-mail from a
> guy who told me that I was sending EMERGENCY packets. I wasn't, but yet
> they were showing up that way.

Wow. Find out what version he was running. THese CUSTOM messages are
brand new and not all software may have caught up with implementing them
correctly...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: Pic needed for Kenwood TMV700

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 03 Jan 2000 16:12:57 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-57958-2000.01.03-09.29.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
> Sent: Monday, January 03, 2000 3:44 PM
> To: TAPR Hot Technology APRS
> Cc: TAPR HT APRS Special Interest Group; htaprs@tapr.org; TAPR APRS
> Special Interest Group
> Subject: [htaprs] Re: Pic needed for Kenwood TMV700
>
>
> Edward A. Behl wrote about adding an external MESSAGE KEYBOARD:
>
> > Yikes! Convert ASCII to DTMF so it can be converted back to ASCII???
> >
> > Wouldn't there likely be a more straight-forward way; say,
> through the
> > serial control/tnc port? What about a PIC to go from PC keyboard to
> > RS-232? And maybe a couple of buttons or keystrokes to
> select TNC packet

> > or APRS modes, maybe even a rig control mode to set menu
> items and enter
> > memory presets. Heck, you could implement a complete
> outboard control
> > system that pasted prompts right on the D700's display.
>
> Maybe you can convince Kenwood to do a re-design. But in the
> meant time,
> what we have is a radio that accepts MESSAGE TEXT entry from the Mic
> TTpad.
>
I don't think a re-design is needed as i asume that the tm-d700 can be
controled true the serial port like the th-d7 i'm not sure if messages can
be programed via rs232 but memory names and a lot of other things can, has
anyone atached it to a computer yet and typed a AI to test the rig control
mode.

> > If you're going to use an external processor to augment the control
> > functionality of the TM-D700's processor and software
> already running in
> > the radio itself (which sounds kinda goofy as it is...) why
> not go all
> > the way?
> >
> > This probably sounds a little flippant or like a flame, but
> that's not
> > my intention. I'm just thinking out loud. The D700 is
> somewhere between
> > a radio with built-in TNC and a full-blown mobile data
> terminal (MDT).
> > What I think you're proposing is the use of a "black box"
> to fill in the
> > missing pieces.
>
> Yep...
>
> > I'm not opposed to that idea at all. It's just a shame we
> can't tap the
> > internal processor already in the rig. Perhaps someday a
> manufacturer
> > will allow room for loading and running custom macros in
> the rig, or a
> > sort of "KISS" mode to allow complete outboard control of the radio
> > using API's.
> >
> > Sort-of like the Kachina version of a dual-band FM radio...
> >
> > 73's and Happy New Year!
> >
> > --
> > Edward A. Behl - KG4ALG
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY:
http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Re: DCS

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Mon, 03 Jan 2000 09:20:17 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57964-2000.01.03-09.36.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Anhold wrote:

> Yes, it can.

>
> I just got mine, and I'm wondering if it can be programmed by a PC.
>
> Maybe I should try the D7A software :)
>

Doesn't work... It appears the Kenwood PC software exchanges some sort of
radio-id information before attempting to program the radio.

>
> -j
>
> Previously, Peter J Anderson (fire_rescue_ems1@netzero.net) said:
> > Can the kenwood do DCS. I was just curious.
> > if anyone has info please contact me.
> > Thanks
> > _____________________________________
> > NetZero - Defenders of the Free World
> > Get your FREE Internet Access and Email at
> > http://www.netzero.net/download/index.html
> >
> > ---
> > You are currently subscribed to htaprs as: jon@snoopy.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> --
> Flashlight: A case for holding dead batteries.
>
> ---
> You are currently subscribed to htaprs as: ryan@inc.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] thd7

From: Carl <carl_mail@dr.com>
Date: Mon, 03 Jan 2000 15:56:28 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: carl_mail@dr.com
Message-ID: <LYR845-57972-2000.01.03-09.59.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THD7 is/was cutting edge certainly, but one or two niggles.... it seems
very sensitive to interference from non ham broadcast, and digital type
noise from PCs- Im always having to adjust the squelch on 2 and 70 fm (Ive
never had interference on 70cm fm before)

The TNC can do some strange things too - a local ham here finds that
the THD tnc locks sometimes (not when central locking, but when
deadlocking the car oddly) but the other day beaconed a location
with his callsign split by a CMD:

as in GCMD:0TQ   <-except it was his call, not mine.

Hope the mobile is a bit more robust... put a decent antenna on
and problems could get worse?

Im still pleased I bought it of course...

Wishlist:

flash upgradable ROM
Several POSition 'memories' (I gather the mobile has this?)
Activating the TNC should disable battery saving on that band.
Option for backlight to come on when TNC packet received.
Alarm could be selective as to monitoring APRS packet origins
Digipeater function
Speech syth giving callsign, range and direction (ok ok I'll stop now)

:)

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] Re: htaprs digest: January 02, 2000

From: "Neil ke6ncx" <ke6ncx@hotmail.com>
Date: Mon, 03 Jan 2000 09:00:34 PST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57986-2000.01.03-11.16.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Clayton Watson" <kb0wzi@atlascomm.net> wrote:

>I'm looking for a terminal program (dos) for the thd7a on my laptop >so I
>can connect via regular packet to my remote digi and set parametrs.
>Haven't had any luck finding a program so far.

I just use the Hyperterminal that came with the laptop. Nothing special
needed.

Neil Fullagar KE6NCX
_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: Accessories - What to buy?

From: "Larry P. Thomas wa0gwa" <lpthomas@krell.com>
Date: Mon, 03 Jan 2000 11:47:51 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57993-2000.01.03-12.03.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Might be. I thought that normal AA Alkaline were only 2,200 mAHr but since
there seems to have been improvements in them recently maybe they are that
good now. BTW, for what it's worth the Lithiums are also extremely light
weight ... and expensive.
Later
Larry Thomas

At 09:25 AM 01/03/2000 -0500, you wrote:
>On Mon, 3 Jan 2000, Larry P. Thomas wa0gwa wrote:
>
> > * Kenwood BT-11 Battery Case   So I can use alkalines in an emergency
> >
> > You can also buy a set of Energizer Lithium primary cells for this battery
> > pack, These cells are rated at 2,600 mAHr and will work at very cold
> > temperatures and have an extremely long self life.
>
>Hummh... normal everyday AA Alkalines are 2,700 mAH and have a 4 year
>shelf life....? So it seems the only advantage of the lithium's are their
>cold temperature performance?
>
>Bob

- Imagine it / Achieve it - Dream it / Become it -
  Larry P. Thomas   wa0gwa voice : 1 913 888-0282
  Krell Technologies   fax : 1 913 782-9359
  8960 Bond   pager : 1 913 617-HELP
  Overland Park, KS   www.krell.com
  66214-1722   USA   lpthomas@krell.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] New Motorola gizmo

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 3 Jan 2000 11:09:05 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57994-2000.01.03-12.26.29--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Probably many of you have by now seen ads for the Motorola 2-way
pager
unit (sorry, I didn't memorize the name). I've seen it in every issue
of Time
magazine for the past month or so.

There's a LOT of stuff inside this box that sure is inspiring for the
future of
handheld two-way comms, makes you wonder if one could be adapted to
APRS with the deft application of a soldering iron and screwdriver:

Palm Pilot sized graphical screen (one ad showed a map in the
display);
Palm Pilot sized footprint;
2-way radio packet type radio;
Full QWERTY keyboard (how long before 3COM catches up?).

Maybe it might require a wholesale stripping out of the RF and packet
formatting circuitry, but boy what a user interface for a pocketable
box!
Kenwood ought to talk to these guys, a special terminal-only version
would make the D700 really sing.

73,
Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: Great Comms Device

From: Jack LeBreton <jack.lebreton@sympatico.ca>
Date: Mon, 03 Jan 2000 13:13:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57995-2000.01.03-12.34.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

New Year's Greetings to the SIG:

I have had my TH-D7A/Palm V combo operational for one month,
now, and I have "had a ball" discovering its capabilities.
As a new user of these two "toys" I found this sig (AND the
sig's ARCHIVES) to be invaluable for the little hints that
everybody discovered on a daily basis - hints that NO manual
could begin to cover.

It is with this in mind, having seen newcomers added to the
sig on a regular basis, that I would like to mention the
following points that I don't see discussed too much in
detail:
        -besides the obvious use as a small portable APRS system,
         this combination can be a great regular packet unit.
         Simply search the net for "ACCESSIT!", a terminal
         program that makes the neatest comms device if you
         like small things (and no reliance on MaBell).
        -hook up any external modem, a phone line, use a
         downloaded programme called "PROXIWEB" (again, do
         some surfing/searching on the web), and dial your
         ISP to get easy (albeit small) access to almost
         all of the I'net.

Now, these two or three items CAN be stowed in a pocket and
one
is truly portable in his COMMS; however, I can hardly wait
until I get my D700.

73 de Jack VA3JAX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: New Motorola gizmo

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Mon, 03 Jan 2000 12:37:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-57997-2000.01.03-12.53.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yup.. the Pagewriter 2000 (and 2000x). I use one at work every day.

A similar device that ran over APRS and had a bidirectional smtp gateway
would be a "killer (ham) app" IMHO.

Ryan Brooks
ryan@inc.net
N9YBX

Tony Arnerich wrote:

> Probably many of you have by now seen ads for the Motorola 2-way
> pager
> unit (sorry, I didn't memorize the name). I've seen it in every issue
> of Time
> magazine for the past month or so.
>
> There's a LOT of stuff inside this box that sure is inspiring for the
> future of
> handheld two-way comms, makes you wonder if one could be adapted to
> APRS with the deft application of a soldering iron and screwdriver:
>
> Palm Pilot sized graphical screen (one ad showed a map in the
> display);
> Palm Pilot sized footprint;
> 2-way radio packet type radio;
> Full QWERTY keyboard (how long before 3COM catches up?).
>
> Maybe it might require a wholesale stripping out of the RF and packet
> formatting circuitry, but boy what a user interface for a pocketable
> box!
> Kenwood ought to talk to these guys, a special terminal-only version
> would make the D700 really sing.
>
> 73,
> Tony KD7CEJ
>
> ---
> You are currently subscribed to htaprs as: ryan@inc.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Re: TM-D700

From: "Steven K. Ng" <skng@iex.net>
Date: Mon, 3 Jan 2000 11:32:18 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58009-2000.01.03-13.48.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Yep, I specifically asked for separate pricing on control heads and
>radios. But answer was no. Next I was going to suggest reverse
>engineering the control head serial stream, but probably isnt necessary.
>SInce you can do everything from the serial control port anyway... right?

Can you power on the radio from the serial control port? I don't see
how. The only switch I find on the main unit is the reset button. I
guess you can only power up the unit from the control head, so unless
you area able to hack the hardware, you can't completely control the
radio from the serial port :(

Then again, leave the control head attached to the radio, power up
the radio, lock up the whole assembly in the trunk, and run the
microphone, speakers and serial line to the passenger compartement.

--
Steven Ng | If we bring a little joy into your hum drum lives, it
N6IQA | makes us feel as though our hard work ain't been in vain
skng@iex.net | for nothing -- Leena Lamont, Singin' in the Rain

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Re: TM-D700A Quirk

From: Jon Anhold <jon@snoopy.net>
Date: Mon, 3 Jan 2000 14:55:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58015-2000.01.03-14.12.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I suppose it's also possible that he was seeing munged packets if he
was watching on the net.

It looks to me like the aprsd software still doesn't unpack Mic-E packets
properly.

Previously, Bob Bruninga (bruninga@nadn.navy.mil) said:
> On Mon, 3 Jan 2000, Jon Ogden wrote:
>
> > > *** They should have used the term "user definable". The custom messages
> > > C0 through C6 are just that. "C0" through "C6". The user and his
> > > recepient must agree apriori what they mean. This was
> > > intentioally NOT made user "programmable" because the potential for
> > > the sender and receiver to have different definitions as to what they
> > > meant would lead to on-air communications errors.
> >
> > One thing I forgot to mention is that when I first powered up the rig and
> > started it on APRS, I set the posit message to C0. I got an e-mail from a
> > guy who told me that I was sending EMERGENCY packets. I wasn't, but yet
> > they were showing up that way.
>
> Wow. Find out what version he was running. THese CUSTOM messages are
> brand new and not all software may have caught up with implementing them
> correctly...
>
> Bob
>
>
>
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
What do you call a geek in the '90s? I prefer "Sir".

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Re: New Motorola gizmo

From: Jon Anhold <jon@snoopy.net>
Date: Mon, 3 Jan 2000 14:56:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58016-2000.01.03-14.13.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

These aren't really new.. they've been around for a couple years.

I have a Glenayre 2-way SkyTel pager.. it's "nifty" i guess.

-j

Previously, Ryan K. Brooks (ryan@inc.net) said:
> Yup.. the Pagewriter 2000 (and 2000x). I use one at work every day.
>
> A similar device that ran over APRS and had a bidirectional smtp gateway
> would be a "killer (ham) app" IMHO.
>
> Ryan Brooks
> ryan@inc.net
> N9YBX
>
> Tony Arnerich wrote:

>
> > Probably many of you have by now seen ads for the Motorola 2-way
> > pager
> > unit (sorry, I didn't memorize the name). I've seen it in every issue
> > of Time
> > magazine for the past month or so.
> >
> > There's a LOT of stuff inside this box that sure is inspiring for the
> > future of
> > handheld two-way comms, makes you wonder if one could be adapted to
> > APRS with the deft application of a soldering iron and screwdriver:
> >
> > Palm Pilot sized graphical screen (one ad showed a map in the
> > display);
> > Palm Pilot sized footprint;
> > 2-way radio packet type radio;
> > Full QWERTY keyboard (how long before 3COM catches up?).
> >
> > Maybe it might require a wholesale stripping out of the RF and packet
> > formatting circuitry, but boy what a user interface for a pocketable
> > box!
> > Kenwood ought to talk to these guys, a special terminal-only version
> > would make the D700 really sing.
> >
> > 73,
> > Tony KD7CEJ
> >
> > ---
> > You are currently subscribed to htaprs as: ryan@inc.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
When you go into court you are putting yourself in the hands of
12 people that weren't smart enough to get out of jury duty.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] TMD700 TRAFFIC

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 3 Jan 2000 16:11:24 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58029-2000.01.03-15.27.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GREAT NEWS!

The one thing I missed while using the THD7 was the APRS TRAFFIC page
where you could "read the mail" and see who is talking to whom. I had
asked for this capability in the TMD700 on the PKT-MONITOR display...
but it apparently didnt make the cut...

Today I got a tip from Kenwood that you CAN DO IT in the TMD700!

Just enter the WILDCARD "*" as one of your MESSAGE GROUPS.

Then ANY traffic to ANYONE will be captured in your MESSAGE list. AND it
shows you what "GROUP" you captured, so you can SEE who the message is
really to. Thus, while you are traveling far from home, you CAN entertain
yourself by reading the mail..

THANKS KENWOOD! Great Feature!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Button mounting solution for TM-D700A Microphone

From: Jon Ogden <jono@enteract.com>
Date: Mon, 03 Jan 2000 16:17:14 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58039-2000.01.03-16.31.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,

I found a solution for those of you like me who prefer a button type mount
for the TM-D700A's microphone (as opposed to the "hook").

Go to Best Buy and purchase a thing called "The Tab Kit." You'll find it in
their cell phone accessories section. It costs about $2.00. It is made by
the Clip Company (www.theclip.com). The "tabs" or "buttons" are designed to
go on cell phone swivel clips, but will work fine for our application.

The button attaches to the mic by double stick tape. Apply and let the tape
set and VIOLA! you now have a mic that mounts with a standard mic holder.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: Plotting 0,0 posits

From: Jon Ogden <jono@enteract.com>
Date: Mon, 03 Jan 2000 19:24:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58089-2000.01.03-19.39.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/2/00 4:40 AM, Carl at carl_mail@dr.com wrote:

> Make sense for APRS to ignore 00 posits clearly.
>

I've gotten a reply from the Sprouls and this is one thing they plan on
fixing in an upcoming release. Perhaps not the next release, but maybe the
one after that.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Extension cables on TM-D700A

From: Jon Ogden <jono@enteract.com>
Date: Mon, 03 Jan 2000 19:33:28 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58090-2000.01.03-19.48.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK siggers,

Another thing to watch for when hooking up extension cables for the mic or
control head on the TM-D700A:

If you go out and buy an 8 wire modular coupler and a standard 8-wire
category 5 cable and hook up the microphone, it won't work. I tried it.
You need an "extension" cable. I've not seen them in Twisted-pair-shielded
cable but just in flat cable. The standard cables always connect pin one to
pin one. If you draw it out, that won't work. What you need is a cable
where pin one on one end is connected to pin 8 on the other and so on. It
needs to be flipped.

If you doubt me, draw it out. It makes sense. And I tried it. It doesn't
work and tomorrow I'll end up making my own extension cable.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: Extension cables on TM-D700A

From: "Mark Doore (K3RAM)" <md@webtrek.com>
Date: Mon, 03 Jan 2000 21:46:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58100-2000.01.03-21.01.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Maybe a Cat 5 Crossover cable would work??? Don't recall the pinouts.
CompUsa has:

          Molded, Cross-Over PatchCable, 10 foot, For Hub to Hub, or PC
to PC.
           Manufacturer: Belkin
          CompUSA Price: $14.99
            CompUSA SKU: 146410
             Mfg Part #:   A3X126-10CM

73, Mark/K3RAM

Jon Ogden wrote:
>
> OK siggers,
>
> Another thing to watch for when hooking up extension cables for the mic or
> control head on the TM-D700A:
>
> If you go out and buy an 8 wire modular coupler and a standard 8-wire
> category 5 cable and hook up the microphone, it won't work. I tried it.
> You need an "extension" cable. I've not seen them in Twisted-pair-shielded
> cable but just in flat cable. The standard cables always connect pin one to
> pin one. If you draw it out, that won't work. What you need is a cable
> where pin one on one end is connected to pin 8 on the other and so on. It
> needs to be flipped.
>
> If you doubt me, draw it out. It makes sense. And I tried it. It doesn't
> work and tomorrow I'll end up making my own extension cable.
>
> 73,

>
> Jon
> KE9NA
>
> --
> -------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
> ---
> You are currently subscribed to htaprs as: md@webtrek.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Mark Doore (K3RAM)   md@webtrek.com
Voice: 301-572-2385/2380   Fax: 301-572-2358   Pager: 703-721-4236
Freqs: 443.450+, 147.225+, 147.540, 444.250+, 445.975, 146.955-
 APRS: 144.390   K3RAM, N3SCU, K3RAM-1, K3JNT
  Web: http://www.webtrek.com/md
My Car at: http://www.aprs.net:8000/k3ram
 Ondine's: http://www.aprs.net:8000/n3scu
and Dad's: http://www.aprs.net:8000/k3jnt

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Re: Extension cables on TM-D700A

From: Jon Ogden <jono@enteract.com>
Date: Mon, 03 Jan 2000 22:33:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58120-2000.01.03-22.48.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/3/00 8:46 PM, Mark Doore (K3RAM) at md@webtrek.com wrote:

>
> Maybe a Cat 5 Crossover cable would work??? Don't recall the pinouts.
> CompUsa has:
>
> Molded, Cross-Over PatchCable, 10 foot, For Hub to Hub, or PC
> to PC.
> Manufacturer: Belkin
> CompUSA Price: $14.99
> CompUSA SKU: 146410
> Mfg Part #:   A3X126-10CM
>
> 73, Mark/K3RAM

I think this is a peer to peer cable which basically is equivalent to a null
modem cable in the RS-232 world. The TX and RX lines are swapped. So I
don't think this would work either.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: Extension cables on TM-D700A

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Mon, 03 Jan 2000 22:48:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58122-2000.01.03-23.05.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think the problem people are running in to is that those el cheapo RJ45
couplers are wired _straight_ thru. In otherwords, 1->8... when you really want
1->1 (think mirror image). So people then compensate for this with the cable
they make.

As you point out, these (ethernet) cables don't help since they're 1,2 -> 3,6
(and vice versa).

Ryan Brooks
ryan@inc.net
N9YBX

Jon Ogden wrote:

> on 1/3/00 8:46 PM, Mark Doore (K3RAM) at md@webtrek.com wrote:
>
> >
> > Maybe a Cat 5 Crossover cable would work??? Don't recall the pinouts.
> > CompUsa has:
> >
> > Molded, Cross-Over PatchCable, 10 foot, For Hub to Hub, or PC
> > to PC.
> > Manufacturer: Belkin
> > CompUSA Price: $14.99
> > CompUSA SKU: 146410
> > Mfg Part #:   A3X126-10CM
> >
> > 73, Mark/K3RAM
>
> I think this is a peer to peer cable which basically is equivalent to a null
> modem cable in the RS-232 world. The TX and RX lines are swapped. So I
> don't think this would work either.
>
> 73,
>
> Jon
> KE9NA
>
> --
> -------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
> ---
> You are currently subscribed to htaprs as: ryan@inc.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Re: Great Comms Device

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Mon, 3 Jan 2000 22:43:56 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58152-2000.01.04-00.01.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

this combination can be a great regular packet unit.
 Simply search the net for "ACCESSIT!", a terminal
 program that makes the neatest comms device if you
 like small things (and no reliance on MaBell).
hook up any external modem, a phone line, use a
downloaded programme called "PROXIWEB"

> yes but would you still need Ma Bell for the phone line!

Wouldn't you?

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: Extension cables on TM-D700A

From: "Edward A. Behl" <ed@eabehl.com>
Date: Tue, 04 Jan 2000 07:46:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58171-2000.01.04-07.13.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon -

AAaarrrgghhh! This has been the curse of the modular cord since the day
they were introduced to the telephone industry by Western Electric back
in the early 70's!

You will find that most "telephone" cords (like the flat "silver satin")
type you mention, "flip" the plugs on each end of the cord, so that both
spring tabs are on the same side of the cord. This is the original
manufacturing design by Western Electric and has caused countless
confused moments as telephone installers try to trace conductors through
a telephone cord and the jacks it plugs into on each end. Lay the plugs
side-by-side with both tabs up and you see that the conductors are
reversed from plug to plug.

This is even more perplexing when you throw a modular cord coupler
between two cords. Some couplers reverse the jack wiring to compensate
for the second reversal of the extra cord, some do not.

In the data communications industry, this nonsense has been abandoned;
and all cables, couplers, and jacks are manufactured so that the
conductors never change position. Thus, Ethernet 10base-T and category 5
100baseTX cables do not reverse the conductors through the cable. (The
exception is special "cross" cables used to connect one hub to another;
but they reposition by pairs, they do not reverse all the conductors as
a telephone cord does.)

Originally, the data industry used a small protrusion on one side of the
plugs as "keys" to prevent the "non-standard" data cables from being
inserted into "normal" telephone jacks. Many jacks designed for data
communications still bear an extra little slot on one side of the
opening to accommodate the keyed data plugs, but you seldom see them in
use these days.

Why any manufacturer outside the cursed telephone industry would choose
reversing cables over straight is beyond me, unless Kenwood was allowing
the use of off-the-shelf telephone cords to extend the D700 control
head. But in 8-conductor cables, I would bet Ethernet cables are found
"off-the-shelf" far more commonly than telephone cords. And with a price
tag in the $80 range, Kenwood must have thought their separation cable
was pretty special too.

73's and Happy Y2K!

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: Extension cables on TM-D700A

From: "Edward A. Behl" <ed@eabehl.com>
Date: Tue, 04 Jan 2000 08:28:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58173-2000.01.04-07.42.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark -

Sorry, but it won't. See my post earlier re: this topic.
A "crossover" cable switches the transmit and receive data pairs from
end to end, it does not reverse all 8 conductors. Here are a couple of
tables to compare:

8-conductor USOC Telephone cable
1 <--> 8
2 <--> 7
3 <--> 6
4 <--> 5
5 <--> 4
6 <--> 3
7 <--> 2
8 <--> 1

8-conductor Ethernet cable
1 <--> 1
2 <--> 2
3 <--> 3
4 <--> 4
5 <--> 5
6 <--> 6
7 <--> 7
8 <--> 8

8-conductor Ethernet "crossover" cable
(courtesy Black Box catalog)
1 <--> 3
2 <--> 6
3 <--> 1
4 <--> 5
5 <--> 4
6 <--> 2
7 <--> 8
8 <--> 7

I hope this "straightens" things out...

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Re: Extension cables on TM-D700A

From: Tom Rutter <kf4hjx@home.com>
Date: Tue, 04 Jan 2000 08:34:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58174-2000.01.04-07.51.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The cost of the separation kit is high but on par with Yaesu kits.

Tom
KF4HJX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] D700 SSID?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 11:49:36 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58193-2000.01.04-11.06.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, Mac wrote:

> 1. what are we D700 types going to use as an ssid? I am using w8xf-8 to
> distinguish from my D7.

Good question. APRSdos will display "D-700" on the POSIT and the STATUS
and LOG pages, so it might not be necessry. So I think -7 is still fine,

but I agree with youu also, that when I have both on the air, that I will
probably use -8 for the D-700.

> 2. how do you set the MYA for digi'ing on the D700 without a PC?

APRS MENU under UIDIGI. But Pse only use RELAY, unless you are on a
mountain...

> 3. what was the keystroke seq to set the message type to copy the mail in
> the area and see all the messages? (ie where do you put the * ?)

APRS MENU under MESSAGE GROUPS

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] RE: D700 SSID?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 4 Jan 2000 12:00:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58194-2000.01.04-11.16.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got my D-700 yesterday and was wondering the same thing, So -8 it is.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Bob Bruninga [SMTP:bruninga@nadn.navy.mil]
> Sent: Tuesday, January 04, 2000 11:50 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] D700 SSID?
>
> On Tue, 4 Jan 2000, Mac wrote:
>
> > 1. what are we D700 types going to use as an ssid? I am using w8xf-8 to
> > distinguish from my D7.
>
> Good question. APRSdos will display "D-700" on the POSIT and the STATUS
> and LOG pages, so it might not be necessry. So I think -7 is still fine,
> but I agree with youu also, that when I have both on the air, that I will
> probably use -8 for the D-700.
>
> > 2. how do you set the MYA for digi'ing on the D700 without a PC?
>
> APRS MENU under UIDIGI. But Pse only use RELAY, unless you are on a
> mountain...
>
> > 3. what was the keystroke seq to set the message type to copy the mail
> in
> > the area and see all the messages? (ie where do you put the * ?)
>
> APRS MENU under MESSAGE GROUPS
>
>
> Bob, WB4APR
>
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: D700 SSID?

From: Jon Ogden <jono@enteract.com>
Date: Tue, 04 Jan 2000 11:17:54 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58195-2000.01.04-11.32.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/4/00 10:49, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> Good question. APRSdos will display "D-700" on the POSIT and the STATUS
> and LOG pages, so it might not be necessry. So I think -7 is still fine,
> but I agree with youu also, that when I have both on the air, that I will
> probably use -8 for the D-700.

Call me a maverick, but I use -1 for my TM-D700 now and -2 for my TH-D7A.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: TM-D700A Quirk

From: John W Wilson <z004391b@bc.seflin.org>
Date: Tue, 4 Jan 2000 12:44:39 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58200-2000.01.04-12.00.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am not familiar with the rig or the user definable messages but
wouldn't it cause confusion if someone decided C1 meant 'Get me a pizza'
and another had it set for 'I just witnessed an accident'? This may
cause just as much confusion I would believe.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Mon, 3 Jan 2000, Jon Ogden wrote:

> on 1/3/00 8:38 AM, Bob Bruninga at bruninga@nadn.navy.mil wrote:
>
> > *** They should have used the term "user definable". The custom messages
> > C0 through C6 are just that. "C0" through "C6". The user and his
> > recepient must agree apriori what they mean. This was
> > intentioally NOT made user "programmable" because the potential for
> > the sender and receiver to have different definitions as to what they
> > meant would lead to on-air communications errors.
>
> OK.
>
> One thing I forgot to mention is that when I first powered up the rig and
> started it on APRS, I set the posit message to C0. I got an e-mail from a
> guy who told me that I was sending EMERGENCY packets. I wasn't, but yet
> they were showing up that way.
>
> Any ideas?
>
> 73,

>
> Jon
> KE9NA
>
> --
> -------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na
>
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: Kenwood radios

From: "Mitch Miller" <millerm@worldnet.att.net>
Date: Tue, 4 Jan 2000 12:4:34
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58204-2000.01.04-12.20.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The correct part number for the molded 2.5mm stereo plug with 6ft coiled
cord with male and female gold plated contacts is 43-2003. I drove the
guys are Radio Shack crazy looking for 42-2003. Everything elese was
correct.

73's

Mitch, K4TPD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Coupling LAN cables

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Tue, 4 Jan 2000 11:52:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58208-2000.01.04-13.10.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden wrote:
>Another thing to watch for when hooking up extension cables for the
mic or control head on the TM->D700A:
>If you go out and buy an 8 wire modular coupler and a standard
8-wire category 5 cable and hook up the >microphone, it won't work.
 I tried it. You need an "extension" cable. I've not seen them in
Twisted-pair->shielded cable but just in flat cable. The standard
cables always connect pin one to pin one. If you draw >it out, that
won't work. What you need is a cable where pin one on one end is
connected to pin 8 on the >other and so on. It needs to be flipped.

Good caution. Here's a good solution: DigiKey sells couplers in both
straight and
flipped varieties.

73,
Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] oops!

From: "kb2wqm" <kb2wqm@email.msn.com>
Date: Tue, 4 Jan 2000 14:02:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58209-2000.01.04-13.21.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just ran a track lunchtime. Got back to desk to find that I was sending out
an emergency beacon!!! I had set my position comment to custom 1. I guess
this gives the same results as custom 0. here is what I saw on the igate at
work...

*****switched to off duty*********

KB2WQM-7 39.442333 -74.563333 K\'Mic-E:OFF DUTY SPD=0 TRK=177 2000/01/04
18:11:20 I:SYRV5T,RELAY,KB2EAR-1,KC2BIA*

******custom 1*********

KB2WQM-7 50.4425 -74.562667 K\@041713z SPD=0 TRK=360 /Mic-E/M1/Enroute>
2000/01/04 17:16:17 I:APRS,TCPIP,N3XJT-3*

KB2WQM-7 39.4425 -74.563 K\'Mic-E:EMERGENCY ! SPD=1 TRK=0 2000/01/04
17:15:44 I:DJ2V5U,RELAY,WA3SFJ-1*,WIDE

KB2WQM-7 50.443333 -74.562667 K\@041710z SPD=0 TRK=304 /Mic-E/M1/Enroute>
2000/01/04 17:12:56 I:APRS,TCPIP,N3XJT-3*

KB2WQM-7 39.431333 -74.577 K\'Mic-E:EMERGENCY ! SPD=5 TRK=339 2000/01/04
17:08:14 I:DJ2U8X,RELAY,WIDE,WA3SFJ-1*

KB2WQM-7 50.431 -74.576833 K\@041705z SPD=5 TRK=339
/Mic-E/M1/Enroute>ZlKCK\]"4R}kb2wqm@amsat.org 2000/01/04 17:08:12
I:APRS,TCPIP,N3XJT-3*

KB2WQM-7 39.431167 -74.577167 K\'Mic-E:EMERGENCY ! SPD=1 TRK=352 2000/01/04
17:07:09 I:DJ2U8W,RELAY,WIDE,WA3SFJ-1*

KB2WQM-7 50.431 -74.576833 K\@041704z SPD=1 TRK=352
/Mic-E/M1/Enroute>[l-PK\]"4/}kb2wqm@amsat.org 2000/01/04 17:07:09
I:APRS,TCPIP,N3XJT-3*

KB2WQM-7 39.431167 -74.577167 K\'Mic-E:EMERGENCY ! SPD=1 TRK=352 2000/01/04
17:06:45 I:DJ2U8W,RELAY,WA3SFJ-1*,WIDE

KB2WQM-7 50.431 -74.576833 K\@041703z SPD=1 TRK=352
/Mic-E/M1/Enroute>[l-PK\]"3z}kb2wqm@amsat.org 2000/01/04 17:06:40
I:APRS,TCPIP,N3XJT-3*

Also this somehow caused my position to be wrong through some igate's.I
would really like to run with the Mic-encoding turned off. False emergency
alarms from scrambled packets etc, will water down the emergency function.
I don't think it's needed by me to ride around off duty 99.99 % of the time!
I don't see how it can be turned off though, but I think it need's to be,
for general amateur use....

73 Jeff kb2wqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] RE: Coupling LAN cables

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Tue, 4 Jan 2000 14:11:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58212-2000.01.04-13.27.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Having been there, done that, and let the smoke out on my Yaesu FT-8500, all
I can say is:

"BE CAREFUL!" (Shouted with a most parental tone of voice. ;-)

I failed to double-check a cable and smoked a 9V regulator in my '8500 by

stringing a collection of cables/couplers (OK, two cables and one coupler)
together that reversed the pin order.

Had I designed the radio, I might have used an 8-pin connector, and left the
mirror-image pins for power and ground connected to *nothing*, so the worst
that would have happened in my case would have been a non-functional mike.
C'est la guerre...

Maybe Kenwood did this and you've nothing to worry about.

73

     -Rob
      KZ5RW

Jon Ogden wrote:
>Another thing to watch for when hooking up extension cables for the
mic or control head on the TM->D700A:
>If you go out and buy an 8 wire modular coupler and a standard
8-wire category 5 cable and hook up the >microphone, it won't work.
 I tried it. You need an "extension" cable. I've not seen them in
Twisted-pair->shielded cable but just in flat cable. The standard
cables always connect pin one to pin one. If you draw >it out, that
won't work. What you need is a cable where pin one on one end is
connected to pin 8 on the >other and so on. It needs to be flipped.

Tony Arnerich wrote:
Good caution. Here's a good solution: DigiKey sells couplers in both
straight and
flipped varieties.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Patch Idea

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Tue, 4 Jan 2000 01:58:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58214-2000.01.04-13.37.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am fooling around with a patch edit program I downloaded last night. I have the idea of creating a
patch for the group. Does anyone have any thoughts on the idea? If this sounds like a good idea give me
 a shout.
    I have the idea of putting in the patch a plampilot, a satellite, a GPS unit and the D7a and the
700. Maybe a rocker on the top and the bottom.

Any ideas?

Peter Anderson
Communications Consultants Specialists

66. [htaprs] RE: D700 SSID?

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Tue, 4 Jan 2000 21:49:49 +0100 (CET)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58215-2000.01.04-14.01.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, Hazen, Dwight L wrote:

> I got my D-700 yesterday and was wondering the same thing, So -8 it is.
>
>   Dwight
>
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
>
> > -----Original Message-----
> > From: Bob Bruninga [SMTP:bruninga@nadn.navy.mil]

> > Sent: Tuesday, January 04, 2000 11:50 AM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] D700 SSID?
> >
> > On Tue, 4 Jan 2000, Mac wrote:
> >
> > > 1. what are we D700 types going to use as an ssid? I am using w8xf-8 to
> > > distinguish from my D7.
> >
> > Good question. APRSdos will display "D-700" on the POSIT and the STATUS
> > and LOG pages, so it might not be necessry. So I think -7 is still fine,
> > but I agree with youu also, that when I have both on the air, that I will
> > probably use -8 for the D-700.
> >
Hi all

In the Netherlands we use -7 for portable stations and -9 for car mobile
stations (-15 for planes and others)

we don't make a diverance based on the kind of rig as you kan see it by
looking at the frame/statustext:
thd-7 > as first token of the status text
tm-d700] as first token of status text
mic-e other first token of status text
standalone tracker raw nmea string

i hope no-one wants to send a message wile driving 120 KM/H so it's only
usefull to send a message to a portable station

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: TM-D700A Quirk

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 14:50:16 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58216-2000.01.04-14.07.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, John W Wilson wrote:

> I am not familiar with the rig or the user definable messages but
> wouldn't it cause confusion if someone decided C1 meant 'Get me a pizza'
> and another had it set for 'I just witnessed an accident'? This may
> cause just as much confusion I would believe.

Exactly. Thats why they should only be used between cooperating units
that have unambiguously agreed to specific meanings.   If the sender is
unsure of the recepients interpretations he should NEVER use them...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: TM-D700A Quirk

From: Jon Ogden <jono@enteract.com>
Date: Tue, 04 Jan 2000 13:55:13 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58217-2000.01.04-14.09.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/4/00 11:44, John W Wilson at z004391b@bc.seflin.org wrote:

> I am not familiar with the rig or the user definable messages but
> wouldn't it cause confusion if someone decided C1 meant 'Get me a pizza'
> and another had it set for 'I just witnessed an accident'? This may
> cause just as much confusion I would believe.

Yes. But the problem stemmed from my misunderstanding of how the
Mic-Encoder format works. I thought that the text was sent over the air as
text not as a binary code that is then converted to text upon reception.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: oops!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 14:55:40 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58218-2000.01.04-14.11.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, kb2wqm wrote:

> ******custom 1*********
>
> KB2WQM-7 50.4425 -74.562667 K\@041713z SPD=0 TRK=360 /Mic-E/M1/Enroute>
> 2000/01/04 17:16:17 I:APRS,TCPIP,N3XJT-3*

This format is unknown to me. It must be sometihg from WinAPRS or PARS+.

I need to see the raw packet...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: oops!

From: Jon Ogden <jono@enteract.com>
Date: Tue, 04 Jan 2000 13:59:42 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58219-2000.01.04-14.14.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/4/00 13:02, kb2wqm at kb2wqm@email.msn.com wrote:

> Just ran a track lunchtime. Got back to desk to find that I was sending out
> an emergency beacon!!! I had set my position comment to custom 1. I guess
> this gives the same results as custom 0. here is what I saw on the igate at
> work...

I found this out too. Someone sent me an e-mail on it! Bob Bruninga says
that some older versions of the APRS software may not interpret the "custom"
messages appropriately.

What version were you running? Two of us have now had it happen.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Re: TM-D700A Quirk

From: Jon Ogden <jono@enteract.com>
Date: Tue, 04 Jan 2000 14:01:03 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58221-2000.01.04-14.15.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/4/00 13:50, Bob Bruninga at bruninga@nadn.navy.mil wrote:

>> I am not familiar with the rig or the user definable messages but
>> wouldn't it cause confusion if someone decided C1 meant 'Get me a pizza'
>> and another had it set for 'I just witnessed an accident'? This may
>> cause just as much confusion I would believe.
>
> Exactly. Thats why they should only be used between cooperating units
> that have unambiguously agreed to specific meanings.   If the sender is
> unsure of the recepients interpretations he should NEVER use them...

Why then are we not given an option to not use them at all? Turn them off
completely?

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: oops!

From: "kb2wqm" <kb2wqm@email.msn.com>
Date: Tue, 4 Jan 2000 15:03:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58222-2000.01.04-14.19.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was running APRSPLUS 199v, when I get home I will try to reproduce the bad
packet and capture it raw, with a terminal program. Setting my home aprs
station up not to digi of course.

73 Jeff kb2wqm

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, January 04, 2000 2:55 PM
Subject: [htaprs] Re: oops!

> On Tue, 4 Jan 2000, kb2wqm wrote:
>
> > ******custom 1*********
> >
> > KB2WQM-7 50.4425 -74.562667 K\@041713z SPD=0 TRK=360 /Mic-E/M1/Enroute>
> > 2000/01/04 17:16:17 I:APRS,TCPIP,N3XJT-3*
>
> This format is unknown to me. It must be sometihg from WinAPRS or PARS+.
>
> I need to see the raw packet...
>
> Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: kb2wqm@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] RE: D700 SSID?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 15:12:18 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58225-2000.01.04-14.28.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, PE1RDW (Andre) wrote:

> i hope no-one wants to send a message wile driving 120 KM/H so it's only
> usefull to send a message to a portable station

During a recent Public Service Event, we found that it was very
valuable to send a message to a mobile and to *not* expect a response.
THus he can read the message and take action, without being expected to
reply. Shadow Operators that need to shadow non-ham VIP's
or mobiles listening to multiple nets may not hear voice directions; so
the only way to reach them sometimes is via TEXT message. Examples are:

    CALL Us on 146.76. NRR
or
    Go to Check Point 13. NRR
or
    QSY to LOGISTICS net. NRR
or
    When you can, go to MEDICAL tent. NRR

Notice I ended all of them with NRR meaning "NO REPLY REQUIRED"
Is there an already existing Qsignal for NRR, or is there a better
abbreviation? I think that with the THD7 and TMD700, it would be nice if
we (APRS) had such an abbreviation so that we do NOT always expect an
answer to a casual message to a mobile... Just a thought...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] Re: TM-D700A Quirk

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 15:14:41 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58226-2000.01.04-14.31.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, Jon Ogden wrote:

> on 1/4/00 13:50, Bob Bruninga at bruninga@nadn.navy.mil wrote:
>
> >> I am not familiar with the rig or the user definable messages but
> >> wouldn't it cause confusion if someone decided C1 meant 'Get me a pizza'
> >> and another had it set for 'I just witnessed an accident'? This may
> >> cause just as much confusion I would believe.
> >
> > Exactly. Thats why they should only be used between cooperating units
> > that have unambiguously agreed to specific meanings.   If the sender is
> > unsure of the recepients interpretations he should NEVER use them...
>
> Why then are we not given an option to not use them at all? Turn them off
> completely?

The are off completely. No CUSTOM "code" is ever sent, unless the user
selects it.

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] RE: D700 SSID?

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Tue, 4 Jan 2000 14:18:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58228-2000.01.04-14.34.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

NO QSL

-----Original Message-----
From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]

Notice I ended all of them with NRR meaning "NO REPLY REQUIRED"
Is there an already existing Qsignal for NRR, or is there a better
abbreviation?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Re: TM-D700A Quirk

From: Jon Ogden <jono@enteract.com>
Date: Tue, 04 Jan 2000 14:22:22 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58229-2000.01.04-14.37.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/4/00 14:14, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> The are off completely. No CUSTOM "code" is ever sent, unless the user
> selects it.

I don't mean just the custom code I mean sending NO Posit message. Just
send the GPS coordinate. Don't send "C1", "In Service", "Returning" etc.
unless you want to. Why is a "null" string not available?

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: TM-D700A Quirk

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 15:47:53 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58232-2000.01.04-15.04.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, Jon Ogden wrote:

> > The are off completely. No CUSTOM "code" is ever sent, unless the user
> > selects it.
>
> I don't mean just the custom code I mean sending NO Posit message. Just
> send the GPS coordinate. Don't send "C1", "In Service", "Returning" etc.
> unless you want to. Why is a "null" string not available?

With only 3 bits for the POSIT "comment field", then there are
only 8 possible comments. We chose "Off duty" for the NULL value...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] more TM-D700A Quirk's

From: "kb2wqm" <kb2wqm@email.msn.com>
Date: Tue, 4 Jan 2000 15:49:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58233-2000.01.04-15.05.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I noticed the other day that a repeater frequency pair(standard offset) that
I programmed in wouldn't transmit. So I checked it, it had the right
offset, no PL etc. So I copied it to a vfo, then to another memory location,
same result! So I read the manual on clearing a memory location, I did as
instructed. Now the memory location isn't available! You can store a
repeater pair in it but it won't display. Now what do I do, a full reset?
I'm not ready for that, not until we have a piece of s/w in our pc to
program the D700 with.
  Another thing, when you want to manually send a position, you have to do
it twice, hold F for a second then pos, do both again, before the position
will
be transmitted.

73 Jeff kb2wqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] Re: more TM-D700A Quirk's

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 16:52:12 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58241-2000.01.04-16.08.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, kb2wqm wrote:

>   Another thing, when you want to manually send a position, you have to do
> it twice, hold F for a second then pos, do both again, before the position
> will be transmitted.

You can fix that by making the APRS key-functions be primary so you dont

have to push the F key first. This is under RADIO-DISPLAY (I thhink! I
had to send my ALPHA test radio back, so I dont have one now to find
it)...

WIth the APRS FUNCTIONS primary, then they are all there all the time..

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] Extra character on TM-D700A Status Text

From: "Steven K. Ng" <skng@iex.net>
Date: Tue, 4 Jan 2000 14:00:31 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58243-2000.01.04-16.17.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been seeing a four extra characters preceeding my status text:
     ]"6w}
when I look at my BCON on my TH-D7A.
The characters do not appear anywhere in the Status Text entry from
the APRS Setup Menu. Are they supposed to be there? If not, what do
I need to set to get rid of them?

--
Steven Ng | If we bring a little joy into your hum drum lives, it
N6IQA | makes us feel as though our hard work ain't been in vain
skng@iex.net | for nothing -- Leena Lamont, Singin' in the Rain

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Re: Extra character on TM-D700A Status Text

From: "Steven K. Ng" <skng@iex.net>
Date: Tue, 4 Jan 2000 14:05:13 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58246-2000.01.04-16.21.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Let me clarify. I'm transmitting from a TM-D700A and monitoring on a TH-D7A
Steven Ng

At 14:00 -0800 1/4/2000, Steven K. Ng wrote:
>I have been seeing a four extra characters preceeding my status text:
>   ]"6w}
>when I look at my BCON on my TH-D7A.
>The characters do not appear anywhere in the Status Text entry from
>the APRS Setup Menu. Are they supposed to be there? If not, what
>do I need to set to get rid of them?
--
Steven Ng | If we bring a little joy into your hum drum lives, it
N6IQA | makes us feel as though our hard work ain't been in vain
skng@iex.net | for nothing -- Leena Lamont, Singin' in the Rain

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Mic Extension Cables TM-D700a

From: "Kurt Johnson" <parrots@swbell.net>
Date: Tue, 4 Jan 2000 17:54:54
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58283-2000.01.04-18.10.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been watching the discussion on the SIG about the Mic ext for the
D700 so, I decided to go look thru all the Kenwood Docs I have amassed
while installing various units for others... The Tm-732a/733a/V7a/G707a
as well as the Tm 742/642/942 all used the same " Connectorized microphone
cable" Kenwood P/N E30-3151-XX 4 meter and E30-3153-XX 7 meter So, I
guess that one could call Kenwood parts and get a price or look at your
local Hamfest for some on selling an extension kit for these radios.

PS I have the kit for my TM-V7A and I just finished trying the 4 meter
cable on my new D700 and I works, And none of the smoke came out (yet)

Kurt K5ZZT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] THD7 ALtitude!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 19:26:14 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-58290-2000.01.04-18.42.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For Pilots,

   The way we added altitude to the TMD700 format makes it possible
to manually enter an altitude into a THD7. Its cumbersome, but possible..
Enter your altitude as xxx} as the leading 4 chars in your STATUS text

Unfortunately XXX must be compressed using the base 91 character set
and -10000 subtracted from it and converted to Meters.. So the following
TABLE might be handy.   Just scribble the ones you need most frequently
onto a piece of tape on the back of the radio...

xxx}	ALTITUDE In FEET
"88	1000
"BB	4000
"EZ	5000
"II	6000
"LL	7000
"OO	8000
"VV	10,000
"ff	15,000
"vv	20,000
#00	25,000
#AA	30,000
#PP	35,000

These are approximate. I chose easy to enter characters instead of exact
conversions.   Remember, once you have one of these entered into your
STATUS menu, then it is EASY to modify it with the UP/DN Joystick.

PROBLEM: Current versions of all APRS software will probably not yet
decode these, since the SPEC was just published and the TMD700 just began
hitting the street, so I doubt any of us have put this ALTITUDE into our
code yet.. It will be in APRSdos in a day or so... Version 845 when
announced...

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: Extra character on TM-D700A Status Text

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 19:33:25 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58292-2000.01.04-18.49.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, Steven K. Ng wrote:

> I have been seeing a four extra characters preceeding my status text:
>   ]"6w}
> when I look at my BCON on my TH-D7A.
> The characters do not appear anywhere in the Status Text entry from
> the APRS Setup Menu. Are they supposed to be there? If not, what do
> I need to set to get rid of them?

Those are the TMD700 ALtitude. It was not in my BETA radio, so I just

began to notice it too... In the production units, did Kenwood add a menu
to disable it?

New versions of APRS will decode these as altitude and display it...
Im sitting here waiting for someone with a D700 to drive through so I can
test it with my next version of APRSdos...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: TM-D700A Quirk

From: "Charles R. Schultz" <n2pua@cybrtyme.com>
Date: Tue, 04 Jan 2000 18:37:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58294-2000.01.04-18.53.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>
> On Tue, 4 Jan 2000, Jon Ogden wrote:
>
> > on 1/4/00 13:50, Bob Bruninga at bruninga@nadn.navy.mil wrote:
> >
> > > >> I am not familiar with the rig or the user definable messages but
> > > >> wouldn't it cause confusion if someone decided C1 meant 'Get me a pizza'
> > > >> and another had it set for 'I just witnessed an accident'? This may
> > > >> cause just as much confusion I would believe.

<snip>

> > Why then are we not given an option to not use them at all? Turn them off
> > completely?
>
> The are off completely. No CUSTOM "code" is ever sent, unless the user
> selects it.

Is there a way to shut off these status messages on our (now)
old-fashioned d-7's? I'd just as soon leave 'em off, since they don't
usually apply to my situations.
--

Chuck Schultz/   Mailto:n2pua@cybrtyme.com
            /   Home page: http://www.cybrtyme.com/personal/n2pua
Eastaboga /   (Under construction forever!)
Alabama   /   AIM Screen Name: n2pua   ICQ ID Number: 11654121
36260   /   It's not the thing you fling, but the fling, itself!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Re: TM-D700A Quirk

From: "Charles R. Schultz" <n2pua@cybrtyme.com>
Date: Tue, 04 Jan 2000 18:40:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58296-2000.01.04-18.56.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>
> With only 3 bits for the POSIT "comment field", then there are
> only 8 possible comments. We chose "Off duty" for the NULL value...
>

Whoops. I guess that answers my question. Off duty is the same as not
sending anything. I'll read the whole thread, next time. ;^)
--

Chuck Schultz/   Mailto:n2pua@cybrtyme.com
            /   Home page: http://www.cybrtyme.com/personal/n2pua
Eastaboga /   (Under construction forever!)
Alabama   /   AIM Screen Name: n2pua   ICQ ID Number: 11654121

36260   /   It's not the thing you fling, but the fling, itself!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] AKA's for no reply required

From: "Lumpy (mobile)" <lumpy@digitalcartography.com>
Date: Tue, 04 Jan 2000 20:08:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58298-2000.01.04-19.23.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob B posted:

> ...NRR meaning "NO REPLY REQUIRED"
> Is there an already existing Qsignal
> for NRR, or is there a better
> abbreviation?

In police code we used the phrase
'no reply needed'. We started out using
'no reply required' but 'needed' was simply
easier to say. Rolls off the tongue easier.
We later shortened it to nrn, pronounced
'en-are-en'.

Generally, in police radio we tried to stay
away from verbal confusion like dipthongs
(combined vowels) and tried to use phrases
that used more than one syllable and that
began and ended with hard consenants. For example -

Police units were not numbered 'one' or 'seven'.
They were named 'one-oh-one' (101) or 'one-oh-seven' (107).

Likewise 'en-are-en' (nrn) only requires your mouth/tongue to
change positions twice. You start and end with your
tongue on the roof of the mouth and just say 'are'
inbetween.

All of this has little or nothing to do, of course,
with text received on an aprs display. Phonics doesn't
enter into printed txt.

Just reminiscing.

BTW here's an interesting police dispatch nugget.
Early LAPD police radio was one way only. Dispatcher
broadcast on the am broadcast band! Cars couldn't
talk back. Dispatch just kept putting out the info
till a patrol car would arrive on scene and call the
station. Sort of a land line ack.

Up until the late 60's you could still hear the LAPD
on am broadcast. They were on VHF also but kept the
longwave link.

Earliest callsign for LAPD was the dispatcher's name
'ROSENQUIST'. Once the broadcast was 'ack'd' via
telephone, the dispatcher would say -
'8101 Figuerora, all is well...This is Rosenquist'
Later that was changed to the more familiar code-4.

Lumpy ab0gd
--
Temporary Duty Assignment
West Hartford, Connecticut

The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] Re: Extra character on TM-D700A Status Text

From: "Steven K. Ng" <skng@iex.net>
Date: Tue, 4 Jan 2000 17:08:41 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58299-2000.01.04-19.24.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got off the phone with Kenwood Tech Support. They are looking
into it. In their case, they are getting a single right bracket ']'.

Steven

At 19:33 -0500 1/4/2000, Bob Bruninga wrote:
>Those are the TMD700 ALtitude. It was not in my BETA radio, so I just
>began to notice it too... In the production units, did Kenwood add a menu
>to disable it?
>
>New versions of APRS will decode these as altitude and display it...
>Im sitting here waiting for someone with a D700 to drive through so I can
>test it with my next version of APRSdos...
>
>Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] more TM-D700A Quirk's

From: "Jeff Griffin" <kb2wqm@jerseycape.com>
Date: Tue, 4 Jan 2000 21:43:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58315-2000.01.04-20.59.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could someone please program in a repeater freq of 146.610- standard offset.
I can't get this to tx from memory, but it tx's fine from the VFO. When I
save the VFO to memory it won't tx. All other programmed freq pairs work
fine VHF and UHF. Let me know.

73 Jeff kb2wqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Re: AKA's for no reply required

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 23:05:28 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58325-2000.01.04-22.21.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jan 2000, Lumpy (mobile) wrote:

> > ...NRR meaning "NO REPLY REQUIRED"
> > Is there an already existing Qsignal for NRR, or is there a better
> > abbreviation?
>
> In police code we used the phrase
> 'no reply needed'.

Sounds good to me. History is full of lessons... (NRN!)

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] Re: Extra character on TM-D700A Status Text

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Jan 2000 23:09:56 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58327-2000.01.04-22.26.42--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On Tue, 4 Jan 2000, Steven K. Ng wrote:

> I just got off the phone with Kenwood Tech Support. They are looking
> into it. In their case, they are getting a single right bracket ']'.
>
> Steven

It may only be transmitted when a STATUS is transmitted. THus, they only
see "]". But when you have a STATUS, then the altitude is added? Can
you confirm? Also, can you set your STATUS RATE to something like 1/2 so
that only every other packet has a STATUS in it, and then tell me if the
altitude is only there when the STATUS is?

THanks

Bob
> > At 19:33 -0500 1/4/2000, Bob Bruninga wrote:
> >Those are the TMD700 ALtitude. It was not in my BETA radio, so I just
> >began to notice it too... In the production units, did Kenwood add a menu
> >to disable it?
> >
> >New versions of APRS will decode these as altitude and display it...
> >Im sitting here waiting for someone with a D700 to drive through so I can
> >test it with my next version of APRSdos...
> >
> >Bob
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] Re: AKA's for no reply required

From: Cap Pennell <cap@cruzio.com>
Date: Tue, 04 Jan 2000 20:20:21 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58328-2000.01.04-23.04.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:05 PM 1/4/2000 -0500, Bob Bruninga wrote:
>On Tue, 4 Jan 2000, Lumpy (mobile) wrote:
>> > ...NRR meaning "NO REPLY REQUIRED"
>> > Is there an already existing Qsignal for NRR, or is there a better
>> > abbreviation?
>>
>> In police code we used the phrase
>> 'no reply needed'.
>
>Sounds good to me. History is full of lessons... (NRN!)

Where I work, we've always said "No need to reply." Would that then be
NNTR ? hi
73, Cap KE6AFE
--
Cap Pennell
Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] Re: Extra character on TM-D700A Status Text

From: "Steven K. Ng" <skng@iex.net>
Date: Tue, 4 Jan 2000 21:27:41 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58331-2000.01.04-23.43.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,
Here is a sample of what I got off of the Terminal Window of MacAPRS.
I hope it helps.

<snippet begins>
N6IQA-9>SSTVUU,RELAY,WIDE:'.3Kl!L>/]"7'}

N6IQA-9>SSTVUV,RELAY,WIDE:'.3Ll!L>/]"6&}Steven in Los Angeles, CA

N6IQA-9>SSTVUW,RELAY,WIDE:'.3Ll!L>/]"5R}

N6IQA-9>SSTVUV,RELAY,WIDE:'.3Ll!L>/]"5'}Steven in Los Angeles, CA

N6IQA-9>SSTVUW,RELAY,WIDE:'.3Ll!L>/]"5k}
<snippet ends>

By the way the message appears, I wonder if this is actually a
problem with the way TH-D7A parses out the status text. Can it be
configured to work with this format or does it require a firmware
upgrade (if possible)?

Steven

>On Tue, 4 Jan 2000, Steven K. Ng wrote:
>
>It may only be transmitted when a STATUS is transmitted. THus, they only
>see "]". But when you have a STATUS, then the altitude is added? Can
>you confirm? Also, can you set your STATUS RATE to something like 1/2 so
>that only every other packet has a STATUS in it, and then tell me if the
>altitude is only there when the STATUS is?
>
>THanks
>
>Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] TM-D700

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Tue, 4 Jan 2000 22:54:09 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58349-2000.01.05-01.10.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

<quote>
Date: Tue, 4 Jan 2000 14:02:56 -0500
From: kb2wqm <kb2wqm@email.msn.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Subject: [htaprs] oops!

Just ran a track lunchtime. Got back to desk to find that I was sending out
an emergency beacon!!! I had set my position comment to custom 1. I guess
this gives the same results as custom 0. here is what I saw on the igate at
work...

*****switched to off duty*********

KB2WQM-7 39.442333 -74.563333 K\'Mic-E:OFF DUTY SPD=0 TRK=177 2000/01/04
18:11:20 I:SYRV5T,RELAY,KB2EAR-1,KC2BIA*

******custom 1*********

KB2WQM-7 50.4425 -74.562667 K\@041713z SPD=0 TRK=360 /Mic-E/M1/Enroute>
2000/01/04 17:16:17 I:APRS,TCPIP,N3XJT-3*

KB2WQM-7 39.4425 -74.563 K\'Mic-E:EMERGENCY ! SPD=1 TRK=0 2000/01/04
17:15:44 I:DJ2V5U,RELAY,WA3SFJ-1*,WIDE

KB2WQM-7 50.443333 -74.562667 K\@041710z SPD=0 TRK=304 /Mic-E/M1/Enroute>
2000/01/04 17:12:56 I:APRS,TCPIP,N3XJT-3*

KB2WQM-7 39.431333 -74.577 K\'Mic-E:EMERGENCY ! SPD=5 TRK=339 2000/01/04
17:08:14 I:DJ2U8X,RELAY,WIDE,WA3SFJ-1*

KB2WQM-7 50.431 -74.576833 K\@041705z SPD=5 TRK=339
/Mic-E/M1/Enroute>ZlKCK\]"4R}kb2wqm@amsat.org 2000/01/04 17:08:12
I:APRS,TCPIP,N3XJT-3*

KB2WQM-7 39.431167 -74.577167 K\'Mic-E:EMERGENCY ! SPD=1 TRK=352 2000/01/04
17:07:09 I:DJ2U8W,RELAY,WIDE,WA3SFJ-1*

KB2WQM-7 50.431 -74.576833 K\@041704z SPD=1 TRK=352
/Mic-E/M1/Enroute>[l-PK\]"4/}kb2wqm@amsat.org 2000/01/04 17:07:09
I:APRS,TCPIP,N3XJT-3*

KB2WQM-7 39.431167 -74.577167 K\'Mic-E:EMERGENCY ! SPD=1 TRK=352 2000/01/04
17:06:45 I:DJ2U8W,RELAY,WA3SFJ-1*,WIDE

KB2WQM-7 50.431 -74.576833 K\@041703z SPD=1 TRK=352
/Mic-E/M1/Enroute>[l-PK\]"3z}kb2wqm@amsat.org 2000/01/04 17:06:40
I:APRS,TCPIP,N3XJT-3*

Also this somehow caused my position to be wrong through some igate's.I
would really like to run with the Mic-encoding turned off. False emergency
alarms from scrambled packets etc, will water down the emergency function.
I don't think it's needed by me to ride around off duty 99.99 % of the time!
I don't see how it can be turned off though, but I think it need's to be,
for general amateur use....

73 Jeff kb2wqm

</quote>

There was one bit off in APRS+SA when decoding Mic-E Custom messages. I
have fixed it and will post a new version in the next few days. Sorry, I
was unable to test this function until I could get access to a TM-D700.   I
will not that the data decoded above from the IGate was not generated by
APRS+SA. Regenerated packets from APRS+SA show the message text in all
capitals. ENROUTE vs Enroute. So it appears that some other IGate software
is munging the Latitude.

/Brent

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] ON-Line THD7A manual?

From: Dr Kevin Johnston <kj_anaes@seol.net.au>
Date: Fri, 04 Jan 1980 07:53:20 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58356-2000.01.05-02.02.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is the MCP-D2 software or, more importantly, the complete manual for the
TH-D7 available on-line from any site yet?

The CD-Rom set is still not available in VK-land.

Kevin VK5KJ
Mount Gambier

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] Re: Extra character on TM-D700A Status Text

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 5 Jan 2000 08:24:27 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58365-2000.01.05-07.41.07--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On Tue, 4 Jan 2000, Steven K. Ng wrote:

> Here is a sample of what I got off of the Terminal Window of MacAPRS.
> I hope it helps.
>
> N6IQA-9>SSTVUU,RELAY,WIDE:'.3Kl!L>/]"7'}
>
> N6IQA-9>SSTVUV,RELAY,WIDE:'.3Ll!L>/]"6&}Steven in Los Angeles, CA
>
> N6IQA-9>SSTVUW,RELAY,WIDE:'.3Ll!L>/]"5R}
>
> N6IQA-9>SSTVUV,RELAY,WIDE:'.3Ll!L>/]"5'}Steven in Los Angeles, CA
>
> N6IQA-9>SSTVUW,RELAY,WIDE:'.3Ll!L>/]"5k}

OK, Thanks. It appears that Altitude then is included in every packet if
a GPS is connected. Whether or not STATUS is included... I have a new
APRSdos that I will post today that will handle this...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] TRAKNet

From: "Tate Jackson" <tatejackson@mindspring.com>
Date: Wed, 5 Jan 2000 10:30:4
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58387-2000.01.05-10.46.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I followed the APRS TRAKNet Experiements with great interest. Now that we
have see that we can do APRS thru the 1200 baud birds, is anyone monitoring
the birds for aprs packets.

I'm going on a mountian biking trip in the deserts of Utah this coming May
and I would like to play with APRS vis Satellite while I'm biking around.

Tate
N3BXZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Re: ON-Line THD7A manual?

From: Walter Dunckel <walter@radiohound.com>
Date: Wed, 05 Jan 2000 09:53:50 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58407-2000.01.05-12.04.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The MCP-D7 software is out (version .01 beta) and has been for some time at
ftp://216.98.255.24/ So has the manual in PDF form. If you are talking about
the CD manual that is bundled with their $50 cable, I doubt if it will
become available for free. If it were available at any site, I am sure
Kenwood would be interested so that they could shut that site down.

If the CD manual is what you are interested in, you may be better off
ordering it from the states.

Walter
KD6VYV
TH-D7 page: http://www.radiohound.com

Dr Kevin Johnston wrote:

> Is the MCP-D2 software or, more importantly, the complete manual for the
> TH-D7 available on-line from any site yet?
>
> The CD-Rom set is still not available in VK-land.
>
> Kevin VK5KJ

> Mount Gambier

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] TMD-700A Computer control?

From: "Jeff Ellis" <driften@opinion.net>
Date: Wed, 5 Jan 2000 13:50:58
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58423-2000.01.05-14.06.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anybody tried using the TMD7 cable and software for controlling their
TMD-700A rig? I don't understand why Kenwood would sell a radio that hooks
to a computer with out the accessories to handle computer backup of the
radio or control. That said I love the radio.

Jeff Ellis
KD7HPF
Driften@opinion.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] Re: TMD-700A Computer control?

From: Jon Anhold <jon@snoopy.net>
Date: Wed, 5 Jan 2000 14:57:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58424-2000.01.05-14.14.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I haven't tried it. I'm suprised there isn't Kenwood software for this
radio yet for programming and such.

-j

Previously, Jeff Ellis (driften@opinion.net) said:
> Has anybody tried using the TMD7 cable and software for controlling their
> TMD-700A rig? I don't understand why Kenwood would sell a radio that hooks
> to a computer with out the accessories to handle computer backup of the
> radio or control. That said I love the radio.
>
> Jeff Ellis
> KD7HPF
> Driften@opinion.net
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Eat right. Stay fit. Die anyway.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] Re: TMD-700A Computer control?

From: Ron Reeves <n7qxo@juno.com>
Date: Wed, 5 Jan 2000 14:14:06 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58446-2000.01.05-16.37.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If memory serves me correctly I think we had to wait awhile for the
software to be released for the D7A? I think the software was put out
Feb. 1 (about 2 months after the radio).   So maybe it will take a
couple of months for the D700A software.

Ron Reeves
N7QXO

On Wed, 5 Jan 2000 14:57:55 -0500 Jon Anhold <jon@snoopy.net> writes:
>

> I haven't tried it. I'm suprised there isn't Kenwood software for
> this
> radio yet for programming and such.
>
> -j
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] 9k6 on TH-D7A

From: "John" <jzaruba@snip.net>
Date: Wed, 05 Jan 2000 18:46:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58459-2000.01.05-18.02.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All and Happy New Year,

I've read the printed docs that came with my TH-D7A, and the pdf docs on the Kenwood CD-ROM that came with my serial cable, and I hope someone here in internet land knows the answer.

The only way I have found to change the TNC baud rate in the D7 is to change the HBAUD setting with a terminal via the PC port. Is there any way to change the TNC data rate to 9k6 WITHOUT a terminal connected to the radio (like from the keypad)?

For Mac users (like me), with only USB ports, the Keyspan PDA adapter works great with the Kenwood PG-4 cable. I can use Appleworks terminal, as well as MacAPRS to communicate with the radio. I'm working on a program, for the Mac, similar to Kenwood's, to allow programming and controlling the radio. However, I am not a great (nor even very good) programmer, and it is taking considerable time. Maybe by Y3K :-)

73 de John AA2BN
aa2bn@amsat.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] D700 Mailbox

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 5 Jan 2000 21:15:06 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58498-2000.01.05-20.31.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >On Tue, 4 Jan 2000, Dan and Susan Dicke wrote:
> >
> >> Does the TNC have a mailbox similar to the Kantronics? Can a computer
> >> be connected to the radio to do real packet besides APRS?

I was wrong, the D700 TNC has a mini-mailbox. Set the Mailbox call using the MYM callsign command. THen activate it with "MBOD ON". I dont see much value in it for APRS, but it might be very handy for some applications, and emergency services...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] more D700 stuff

From: "Jeff Griffin" <kb2wqm@jerseycape.com>
Date: Wed, 5 Jan 2000 22:02:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58504-2000.01.05-21.18.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know what the problem was with the programming in of the 146.610 - repeater freq pairs. I called Kenwood, and they didn't have an answer. I did a full reset and the problem went away. The only thing I can think of is

some kind of cockpit error, on my part.
  I've been working with several of the APRS authors. The Custom position comments are giving varied results, for example a custom 1 in latest version of APRSPLUS shows up as an emergency. In WinAPRS it shows up as enroute, but the GPS lat field get's corrupted. So I'm staying away from the custom 0/5 until this is fixed.
 Going to try to post a short message on the PACSAT UO-22 tomorrow. I already hit another PACSAT for directory requests. The 9600 baud full duplex is working fine with the WiSP s/w.. What a great radio!

73 Jeff kb2wqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Re: more D700 stuff

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Wed, 5 Jan 2000 19:12:57 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58508-2000.01.05-21.28.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Jeff Griffin <kb2wqm@jerseycape.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Wednesday, January 05, 2000 7:02 PM
Subject: [htaprs] more D700 stuff

> I don't know what the problem was with the programming in of the 146.610 -
> repeater freq pairs. I called Kenwood, and they didn't have an answer. I
did
> a full reset and the problem went away. The only thing I can think of is
> some kind of cockpit error, on my part.
>   I've been working with several of the APRS authors. The Custom position
> comments are giving varied results, for example a custom 1 in latest
version
> of APRSPLUS shows up as an emergency. In WinAPRS it shows up as enroute,
but
> the GPS lat field get's corrupted. So I'm staying away from the custom 0/5
> until this is fixed.
> Going to try to post a short message on the PACSAT UO-22 tomorrow. I
> already hit another PACSAT for directory requests. The 9600 baud full
> duplex is working fine with the WiSP s/w.. What a great radio!
>
> 73 Jeff kb2wqm

The APRS+SA problem has been resolved. I will be posting an updated version soon. Just a simple bit inversion. It is always easier to test a system if you have the full system!

Brent

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] D700 computer commands same at D7

From: "Alan K. Adamson" <ne1h@ne1h.dynip.com>
Date: Wed, 5 Jan 2000 21:34:37
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58512-2000.01.05-21.50.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All, You all probably have tried this, but if you go the D7A site, I'll list below, and look at the PC comtrol commands for the D7A and try them on the D700, they work.

For example, if you issue a AI 1 to turn on reporting and then set the radio to memory mode and rotate the knob, you get the information coming back about all the memories.

I did the at 96,n,8,1 and with no TNC turned on

Ok, who wants to try the D7A software on the D700?

Alan - NE1H

Link - http://www.best.com/~wdunckel/thd7.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] MicE Repeaters/THD7

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 5 Jan 2000 21:33:56 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Tim Russell" <timruss@home.com>, "Mark D. Conner" <mconner@null.net>,
"Ken Noel" <aj0a@radiks.net>
Message-ID: <LYR845-58514-2000.01.05-21.53.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In Omaha, Nebraska, the repeater trustees have given their blessing to turn the wide area 146.34/94 rptr into a MicE capable machine. It is a work in progress now. However...

We know that the THD7 can only do APRS data on one band only, so if you want to use the PTT MicE capability with your local repeater, you might have to give up *receive* APRS capability on the THD7 while working your repeater pair on Band
A. The following scenario, however, might be another way to look at it. This assumes a typical VHF 146.94 repeater, adjust offsets accordingly if another using VHF freq.

Here's an idea to do MicE on the THD7 (and possibly D700 mobile) with 146.94 and still receive *inbound* aprs on 144.39:

1. Set Data band as Band A
2. Set a memory to 146.94- regular repeater split,
   and bring it up in Band B
3. Set a memory in Band A to 144.39/146.34 split:
   a. Set receive of 144.39, store it in a memory channel
   b. Go to that memory, press "F" function key
   c. Change offset (this channel only) to 1.95 MHz
   d. Use "F" "Shift" to select PLUS + offset for this memory
   e. Name the memory channel to remind yourself of nonstandard set
   f. SAVE the frequency back into the memory channel to save the settings
4. Activate DATA TX - > PTT in APRS menu
5. Set desired beacon rate
6. Turn on TNC to APRS mode
7. Press BCON to turn on MicE Beacon capability
8. Adjust Band BAL accordingly to shift volume to Band B for repeater output only.
9. Set DCD Sense to both bands in Radio->TNC in menu

Don't forget to monitor the repeater on Band B to make sure it's clear before transmitting.

Now when you transmit on Band A, you will be transmitting on the 146.34 input of .94. At the end of your transmission, if the beacon "wait" time has expired on the D7 (enabling the MicE burst), your MicE burst will go out over 146.34, and hence, over the repeater. The .94 repeater will be set up to mute the output when your packet burst occurs.

When you unkey, you'll still have the 146.94/34 repeater pair programmed in the Band B, allowing you to hear repeater audio of other users, and your Band A will be using the TNC with APRS. That way you can cover four needs:

1. Transmit MicE bursts and voice over the repeater input
2. Still monitor the repeater output for replies
3. Still monitor APRS data channel for activity
4. Still be able to use Band B for the regular repeater audio, sans MicE, but still monitoring APRS on Band A.

Of course, I haven't been able to fully test this theory with the repeater until the MicE hardware is set up. But, the radio seems to perform as needed to
accomplish this! Only drawback I see right now is the need to keep the Band B (146.94 receive) audio *down* while transmitting to avoid feedback through the speaker and repeater. I'm anxious to test this theory.

Let me know if this is a good idea. Any comments? jimgill@ix.netcom.com
Thanks,
Jim - N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Re: MicE Repeaters/THD7

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 5 Jan 2000 21:49:15 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Tim Russell" <timruss@home.com>, "Mark D. Conner" <mconner@null.net>,
"Ken Noel" <aj0a@radiks.net>
Message-ID: <LYR845-58517-2000.01.05-22.08.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Jim Gill" <jimgill@ix.netcom.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Tim Russell" <timruss@home.com>; "Mark D. Conner" <mconner@null.net>;
"Ken Noel" <aj0a@radiks.net>
Sent: Wednesday, January 05, 2000 9:33 PM
Subject: [htaprs] MicE Repeaters/THD7

> Now when you transmit on Band A, you will be transmitting on the 146.34
> input of .94. At the end of your transmission, if the beacon "wait" time
> has expired on the D7 (enabling the MicE burst), your MicE burst will go
out
> over 146.34, and hence, over the repeater. The .94 repeater will be set
up
> to mute the output when your packet burst occurs.

It's obvious, I know, but the repeater site of course would be set up with a
TNC and an additional radio on 144.39... the MicE burst would be ported over
to the APRS frequency using the proper method of repeater muting and channel
holdoff on 144.39 as discussed on the sigs.

Jim
N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: MicE Repeaters/THD7

From: "Edward A. Behl" <ed@eabehl.com>
Date: Wed, 05 Jan 2000 23:56:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
Tim Russell <timruss@home.com>, "Mark D. Conner" <mconner@null.net>,
Ken Noel <aj0a@radiks.net>
Message-ID: <LYR845-58535-2000.01.05-23.11.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim -

I see a small problem with this arrangement, though I'm not a seasoned
user of APRS, so I'm not sure I appreciate the value of this setup in
the first place.

While your TH-D7 is burping a beacon on the 146.34 repeater input
another APRS station may be burping on the 144.39 APRS simplex
frequency, which your radio will never hear since it's transmitting. I
realize this is a small thing, no worse than a beacon collision, I
guess.

Secondly, (and I think more "weighty") while your TH-D7 is burping into
the repeater input, and the repeater dutifully mutes the output for the
benefit of voice users, the repeater is actually busy, though nobody
monitoring the 146.94 output can tell. This may lead to a double of a
repeater voice user transmitting over the TH-D7, simultaneously wiping
out your beacon and causing confusion to the voice user.

Just one man's opinion.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] Re: MicE Repeaters/THD7

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 5 Jan 2000 23:20:05 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58539-2000.01.05-23.39.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good questions, Edward.

----- Original Message -----
From: "Edward A. Behl" <ed@eabehl.com>
> While your TH-D7 is burping a beacon on the 146.34 repeater input
> another APRS station may be burping on the 144.39 APRS simplex
> frequency, which your radio will never hear since it's transmitting.

The TNC at the repeater site (preferably a KPC3+) would handle the collision detection... you would have the MUTE running to the repeater (discussed below) but also a holdoff from the 144.39 radio to the TNC. If a signal comes in from a MicE on the voice repeater, and there is another signal is on 144.39 simultaneously, the TNC will buffer the packet to be transmitted *after* the current packet on 144.39. The holdoff from this radio performs the same function that every other TNC on the freq would be doing... CSMA or Carrier Sense Multiple Access (I hope I got the acronym right). The repeater input doesn't need to know that there is something else on 144.39 at the moment; the TNC will transmit when the frequency is available.

> Secondly, (and I think more "weighty") while your TH-D7 is burping into
> the repeater input, and the repeater dutifully mutes the output for the
> benefit of voice users, the repeater is actually busy, though nobody
> monitoring the 146.94 output can tell.

The nature and goal of the MicE burst is for it to be as short as possible. Typically a true Mic-E would transmit the entire compressed packet is about .3 of a second... short enough to be sandwiched between the end of your voice transmission and the repeater courtesy beep. A THD7/TMD700 MicE burst will typically be slightly longer than this, especially if one uses a long path and a long status string. It would be advantageous to use short paths or Widen-n capbility, and the shortest status necessary to keep this length down.

In testing, I entered a path of RELAY,WIDE,WIDE and a status text filling the maximum available space in the D7. When monitored by ear on another radio, the packet was still only a little over .5 of a second long. Also, the MicE burst will usually not be on *every* transmission, since you have to set a beacon time in the D7. For example, setting the beacon time at 2 minutes means that the MicE burst is only able to at a minimum be sent that often, no matter how many seperate voice transmissions you make. So with proper setup and use, I think the impact on voice users at the repeater would be at a minimum.

IMHO.

Jim
N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] Re: MicE Repeaters/THD7

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 06 Jan 2000 01:33:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58562-2000.01.06-00.48.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim -

OK, I'll buy that. Like I said, I'm an APRS neophyte, and I appreciate

your explanation. As you point out, a 1/2 second burp could easily fit
in the pause before a courtesy tone, so the repeater won't appear to be
idle as I feared anyway.

BTW, the time stamp on your reply (18:20) appears to be about 5 and 1/2
hours earlier than my post (23:56). Even accounting for the EST/CST
differential, how could that be??? :-)

73

--
Edward A. Behl - KG4ALG
Clearwater, FL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] Re: AKA's for no reply required

From: "Lumpy (mobile)" <lumpy@digitalcartography.com>
Date: Thu, 06 Jan 2000 02:37:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58567-2000.01.06-01.52.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cap wrote:

> Where I work, we've always said "No need to reply." Would that then be
> NNTR ? hi

Actually, it might be pronoounced 'nenter'. We abbreviate a lot
of stuff in cop talk (and other lingo). Stuff like -
BOLO pronounced bowlow for Be On the Look Out
VIN pronounced vin for Vehicle Identification Number

Even our own APRS, pronounced 'apers' not A-P-R-S.
Or SIG, VOM, WYSIWYG, SCSI

LAPD has a unit called CRASH -
   Community Resources Against Street Hoodlums

One of the strangest, and this is true:

A PD somewhere in the east has a special team called
Fast Action Response Team. They are called...FART

How'd you like to be Captain Joe Blow, FART Commander.
Quite a business card / resume entry.

73 - Lumpy
--
Temporary Duty Assignment
West Hartford, Connecticut

The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Colorado Maps for Palmpilot

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Thu, 6 Jan 2000 01:49:20 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58577-2000.01.06-03.04.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need information on maps for the palmpilot preferably for weld, larimer, and Jackson counties as I am
with Dist 10 ARES and service those areas. if anyone can send me info on this I would appreciate it
very much.

Peter Anderson
Communications Consultants Specialists

114. [htaprs] Re: MicE Repeaters/THD7

From: John Ackermann <jra@febo.com>
Date: Thu, 06 Jan 2000 08:18:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>,
"Tim Russell" <timruss@home.com>, "Mark D. Conner" <mconner@null.net>,
"Ken Noel" <aj0a@radiks.net>, jra@meow.febo.com
Message-ID: <LYR845-58596-2000.01.06-07.34.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In message <LYR8368-58514-2000.01.05-21.53.48--jra#febo.com@lists.tapr.org>, "J
im Gill" writes:

>Of course, I haven't been able to fully test this theory with the repeater
>until the MicE hardware is set up. But, the radio seems to perform as
>needed to
>accomplish this! Only drawback I see right now is the need to keep the Band
>B (146.94 receive) audio *down* while transmitting to avoid feedback through
>the speaker and repeater. I'm anxious to test this theory.
>
>Let me know if this is a good idea. Any comments? jimgill@ix.netcom.com
>Thanks,
>Jim - N0RMO

Great idea, Jim. I don't think you'll have a feedback problem, since the
radio isn't full duplex on the same band -- when you're transmitting on Band
A 2M, the receiver in Band B 2M will be dead.

73,
John N8UR
jra@febo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: MicE Repeaters/THD7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 Jan 2000 08:43:07 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-58599-2000.01.06-07.59.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GOod idea. I think it will work.

But then I guess the question is "why"? As you know, I thought the Mic-E
was going to be the hottest thing in HAM radio, since it added APRS to
any voice radio without the need for 2 radios.... THe concept is
fantastic.

Problem is, by Kenwood doing it in the THD7 dual band radio, you get two
radios-in-one, so the advantage of "saving-a-radio" is lost. Therfore,
just operate voice on one band, and APRS on the other and no need for
the voice repeater to be Mic-E capable. ARGH!!!

This is the MAIN REASON THAT MIC-E VOICE REPEATERS have not caught on.
Because the THD7's and TMD700's dont need them. But still the
$79 cost of a Mic-Lite compared to a $450 HT, is still an advnaantage of
the Mic-E that will eventually grow some more Mic-E repeaters...

At least that is the way it appears to me... :-)

Bob

On Wed, 5
Jan 2000, Jim Gill wrote:

> In Omaha, Nebraska, the repeater trustees have given their blessing to turn
> the wide area 146.34/94 rptr into a MicE capable machine. It is a work in
> progress now. However...
>
> We know that the THD7 can only do APRS data on one band only, so if you want
> to use the PTT MicE capability with your local repeater, you might have to
> give up *receive* APRS capability on the THD7 while working your repeater
> pair on Band
> A. The following scenario, however, might be another way to look at it.
> This assumes a typical VHF 146.94 repeater, adjust offsets accordingly if
> another using VHF freq.
>

> Here's an idea to do MicE on the THD7 (and possibly D700 mobile) with 146.94
> and still receive *inbound* aprs on 144.39:
>
> 1. Set Data band as Band A
> 2. Set a memory to 146.94- regular repeater split,
>   and bring it up in Band B
> 3. Set a memory in Band A to 144.39/146.34 split:
>   a. Set receive of 144.39, store it in a memory channel
>   b. Go to that memory, press "F" function key
>   c. Change offset (this channel only) to 1.95 MHz
>   d. Use "F" "Shift" to select PLUS + offset for this memory
>   e. Name the memory channel to remind yourself of nonstandard set
>   f. SAVE the frequency back into the memory channel to save the settings
> 4. Activate DATA TX - > PTT in APRS menu
> 5. Set desired beacon rate
> 6. Turn on TNC to APRS mode
> 7. Press BCON to turn on MicE Beacon capability
> 8. Adjust Band BAL accordingly to shift volume to Band B for repeater output
> only.
> 9. Set DCD Sense to both bands in Radio->TNC in menu
> Don't forget to monitor the repeater on Band B to make sure it's clear
> before transmitting.
>
> Now when you transmit on Band A, you will be transmitting on the 146.34
> input of .94. At the end of your transmission, if the beacon "wait" time
> has expired on the D7 (enabling the MicE burst), your MicE burst will go out
> over 146.34, and hence, over the repeater. The .94 repeater will be set up
> to mute the output when your packet burst occurs.
>
> When you unkey, you'll still have the 146.94/34 repeater pair programmed in
> the Band B, allowing you to hear repeater audio of other users, and your
> Band A will be using the TNC with APRS. That way you can cover four needs:
>
> 1. Transmit MicE bursts and voice over the repeater input
> 2. Still monitor the repeater output for replies
> 3. Still monitor APRS data channel for activity
> 4. Still be able to use Band B for the regular repeater audio, sans MicE,
> but still monitoring APRS on Band A.
>
> Of course, I haven't been able to fully test this theory with the repeater
> until the MicE hardware is set up. But, the radio seems to perform as
> needed to
> accomplish this! Only drawback I see right now is the need to keep the Band
> B (146.94 receive) audio *down* while transmitting to avoid feedback through
> the speaker and repeater. I'm anxious to test this theory.
>
> Let me know if this is a good idea. Any comments? jimgill@ix.netcom.com
> Thanks,
> Jim - N0RMO
>
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Re: MicE Repeaters/THD7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 Jan 2000 08:49:16 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,

Tim Russell <timruss@home.com>, "Mark D. Conner" <mconner@null.net>,
Ken Noel <aj0a@radiks.net>
Message-ID: <LYR845-58601-2000.01.06-08.06.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 5 Jan 2000, Edward A. Behl wrote:

> Secondly, (and I think more "weighty") while your TH-D7 is burping into
> the repeater input, and the repeater dutifully mutes the output for the
> benefit of voice users, the repeater is actually busy, though nobody
> monitoring the 146.94 output can tell. This may lead to a double of a
> repeater voice user transmitting over the TH-D7, simultaneously wiping
> out your beacon and causing confusion to the voice user.

But the Mic-E burst is only 0.3 seconds, (Less than most courtesy beeps)
this wont be a problem. ALso, since the input is still busy, it just
holds off the beginning of the courtesy beep anyway.. I think?

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: MicE Repeaters/THD7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 Jan 2000 11:36:34 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-58641-2000.01.06-10.53.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 6 Jan 2000, jsr wrote:

> What the heck is a Mic-Lite? Is that like a Bud Lite, Same great features
> without all the weight?

Yep, the Mic-Lite is a complete AX.25 TNC transmitter on a 1 by
1.7 inch micro miniature board that is capable of sending 5 analog
channels of telemetry and 8 data bits. It also sends a BText and GPS data
if a GPS is attached to the serial port. It is so small, you can build it
into most microphones!

The Mic-Lite can operate in either the MIM Telemetry mode, or as a
Microphone Encoder (Mic-E) to include GPS and telemetry data on the
tail-end of a voice transmission.

Included with the package is a file Mic-Lite.txt that shows you how
to make a Mic-E with only 2 external diodes. Or you can add as many front
panel switches to add more Mic-E functions such as PATH selection, MESSAGE
selection, or variable PERIOD rate. The Mic-E is a way of adding this
data to the tail-end of a voice transmission as soon as the PTT drops.

It is $79 ea or $69 in 10 or more +$4 S&H...

For details, see http://www.toad.net/~wclement/mim2.htm
To see some Mic-Lites: http://web.usna.navy.mil/~bruninga/mim2.html

Or download all the docs from tapr.org/aprssig/dosstuff/APRSdos and get
the MIM.ZIP file...

de WB4APR,Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] Re: MicE Repeaters/THD7

From: Jim Baremore <k5qq@juno.com>
Date: Thu, 6 Jan 2000 09:55:49 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, timruss@home.com, mconner@null.net, aj0a@radiks.net
Message-ID: <LYR845-58649-2000.01.06-11.18.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 05 Jan 2000 23:56:16 -0500 "Edward A. Behl" <ed@eabehl.com>
writes:
>
> Secondly, (and I think more "weighty") while your TH-D7 is burping
> into the repeater input, and the repeater dutifully mutes the output
for
> the benefit of voice users, the repeater is actually busy, though
nobody
> monitoring the 146.94 output can tell. This may lead to a double of
> a repeater voice user transmitting over the TH-D7, simultaneously
> wiping out your beacon and causing confusion to the voice user.
>
> Just one man's opinion.
>
> 73

Hi Ed

Although the 'doubling' is technically possible two things need to be considered. First the data is compressed and thus a very short packet, I think it gets transmitted in several hundred milliseconds. (Unlike many of the uncompressed packets your normally hear which can take up to a second or more) The second is that the TH-D7 is still in the transmit mode after the voice traffic is finished and thus the courtesy beep would not have sounded and the other party should not be transmitting untill they hear the beep. This is true even though the data audio is muted, the COR on the repeater is still detecting the carrier.

However in reality lots of folks don't wait for the beep but they do wait to be sure the other guy has really finished talking before we hit the mike button. That wait alone is enough for the data to get passed and then you have to add the time for the other radio to come up to frequency and start transmitting etc.

Thus I don't think this is a problem to concern ourself's with. Now if we tried this on HF in a DX pileup with all of the tailgating of callsigns........

C u all

Jim Baremore K5QQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] THD700 and GPS differential receiver.

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 6 Jan 2000 13:10:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Naab, John W" <jnaab@indiana.edu>
Message-ID: <LYR845-58660-2000.01.06-12.27.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was reading the manual for my D700 last night just as I went to bed. And this morning I think it said you can set the radio up so that the D700 can be a differential receiver to your GPS? I take it this means you have to have a local transmitter sending position data on a vhf or uhf frequency that the D700 can receive and then decode to send to the GPS to improve the accuracy.

Is this right? If so what a deal!

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] Re: MicE Repeaters/THD7

From: Dale Blanchard <bolero@accessnv.com>
Date: Thu, 06 Jan 2000 10:56:07 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-58671-2000.01.06-13.10.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>
> GOod idea. I think it will work.
>
> But then I guess the question is "why"? As you know, I thought the Mic-E
> was going to be the hottest thing in HAM radio, since it added APRS to
> any voice radio without the need for 2 radios.... THe concept is
> fantastic.
>
> Problem is, by Kenwood doing it in the THD7 dual band radio, you get two
> radios-in-one, so the advantage of "saving-a-radio" is lost. Therfore,
> just operate voice on one band, and APRS on the other and no need for
> the voice repeater to be Mic-E capable. ARGH!!!
>
> This is the MAIN REASON THAT MIC-E VOICE REPEATERS have not caught on.
> Because the THD7's and TMD700's dont need them. But still the
> $79 cost of a Mic-Lite compared to a $450 HT, is still an advnaantage of
> the Mic-E that will eventually grow some more Mic-E repeaters...
>
> At least that is the way it appears to me... :-)
>
> Bob
>
>
Out in the west we have huge area mt. top to mt. top
(CA,AZ,NV,UT,ID,WY. can all talk to each other.
It would take much equipment to have a good APRS system working.
This would be a good place for Mic-e, if it was used for those using the
repeaters. It would not be a good idea to hook up 144.39 to it.
It would be for the aprs network to receive the positions and put them
on I gate. Dumping aprs bleeps on a Western state network input would
cause another repeater war.(for those that can remember back that far)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] Re: MicE Repeaters/THD7

From: Jon Ogden <jono@enteract.com>
Date: Thu, 06 Jan 2000 13:42:14 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58680-2000.01.06-13.56.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> But then I guess the question is "why"? As you know, I thought the Mic-E
>> was going to be the hottest thing in HAM radio, since it added APRS to
>> any voice radio without the need for 2 radios.... THe concept is
>> fantastic.
>>
>> Problem is, by Kenwood doing it in the THD7 dual band radio, you get two
>> radios-in-one, so the advantage of "saving-a-radio" is lost. Therfore,
>> just operate voice on one band, and APRS on the other and no need for
>> the voice repeater to be Mic-E capable. ARGH!!!

Well, I thought of another reason why the Mic-E could catch on.

When I had my TH-D7A in the car, I had a single band 440 radio for UHF and
my TH-D7A handled APRS as well as my 2m repeater needs. Now though with the
TM-D700A mobile, I removed the 440 single bander and the HT. Oops! I just
lost one radio band. I can now monitor only one repeater if I am on APRS at
the same time. No more listening to chatter on 2 repeaters. This is the
BIGGEST disadvantage of using the TM-D700A.

BUT.......With the Mic-E capabilities of the TM-D700, now if I had a local
2m machine with Mic-E enabled, I could still blurt my packets onto the local
network while I talk and yet I still have the second band of the radio tuned
into another repeater.

So, more Mic-E repeaters would not be a bad thing at all.......

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

122. [htaprs] Re: [TMD700A] Various questions --- Various Answers

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Thu, 6 Jan 2000 13:48:15 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-58690-2000.01.06-15.04.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I responded inline for clarity.

-----Original Message-----
From: Keith Maton <feek@bigfoot.com>
To: TMD700A@onelist.com <TMD700A@onelist.com>
Date: Thursday, January 06, 2000 12:57 PM
Subject: [TMD700A] Various questions

>Greetings.
>
>I currently own a TH-D7 and have pretty much got a TM-D700 on order for
when
>they are released here in the UK, but I have a handful of questions that I
>hope can be answered by the list.
>
>1) What are the beacon interval settings? Are they more varied than the
>D7?

They beacon rates are quite adjustable. I run from 3 to 20 minutes. WIthout
looking at the manual, I do not remember the limits.

>2) Does the radio act as a digipeater? If so, can the digi alias be set,
>and does it support alias substitution?

It does act as a digipeater. Alias can be set to RELAY,WIDE. I don't recall
about substitution, but I think it does if I recall my display properly. If
you set UIDIGI on and set the calls to nothing, then it will only digipeat
directed packets. I have my D7 digipeated by NY4I-15 and this works quite
well.

>3) Do the PM modes (assuming it has them) configure the APRS modes, ie PM1
>can be set for voice, PM2 is with all the APRS stuff enabled etc?

Yes. This is one of the best features. I use on PM to set my 3 minute beacon
rate and select a memory on the voice side. I change many settings on that
one. I use PM 4 for when I am parked. I set the beacon rate to 20 minutes,
set position ambuigity to 2 digits, set an auto-reply message, and many
other APRS settings. I also turn off the display light and turn off the
other band.

>4) What's the connector to interface to a GPS? The D7 is a 2½mm jack, is
>the D700 the same?

Identical connector and wiring.

>5) If an APRS packet is due to be sent on VHF, but one is transmitting on
>UHF, what happens? Does the D700 wait until the carrier is dropped on UHF,

>or can it transmit simultaneously?

VHF yes, depending upon the DCD sense setting. YOu can have it wait or mute
the other side. On UHF, I have not observed what it does.

>6) Are the "beep" modes more variable than the D7?

There is now a beep setting called MINE. This sets it so it will only beep
if it sees your packets or a packet destined for you. This includes your own
digipeated packets and messages as well as incoming messages. The other beep
modes are there as well, but who would use them. By the way, this feature is
now on the D7 in firmware, but I do not know if it is shipping yet. I saw a
D7 with "Beep Mine" at the DCC in Phoenix.

The beep volume of the radio and the voice level are adjustable independely
of the speaker volume. I always keep the data side volume down, but I still
hear all the beeps.
>
>I think that's about it.
>
>Thanks in advance.
>
>73 de Keith
>(who is greatly looking forward to the D700 and a few more watts than the
>D7!)
>--
>Keith Maton, G6NHU
>feek@bigfoot.com
>ICQ: 1776683
>
>   - Careful with that Axe
>
>
Good Luck,

Tom NY4I

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: MicE Repeaters/THD7/"Telemetry"

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 06 Jan 2000 19:34:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, timruss@home.com, mconner@null.net, aj0a@radiks.net
Message-ID: <LYR845-58737-2000.01.06-18.50.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim -

Yes, I have conceded that the Mic-E burst would be too short to be of
any concern. Like I had mentioned, I'm an APRS neophyte, so I'm still
getting up to speed on all the variations. Thanks for the explanation,
though.

One thing I just read in a post today from Bob Bruninga regarding the
Mic-Lite is the term "telemetry" which has been noticably lacking in
most conversations about APRS. In contrast to conventional packet radio,
which is a point-to-point data mover, APRS is primarily a telemetry
application.

I am still baffled why APRS has become the predominant digital
application of amateur radio, while packet networking has just never
caught on. In emergency comms applications, I see TCP/IP packet for
e-mail and data transport being far more valuable than telemetry, yet
very little resources seem to be allocated to the development of these
technologies. Just my observation, of course.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] Re: MicE Repeaters/THD7/"Telemetry"

From: Jon Ogden <jono@enteract.com>
Date: Thu, 06 Jan 2000 19:52:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58756-2000.01.06-20.07.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/6/00 6:34 PM, Edward A. Behl at ed@eabehl.com wrote:

> I am still baffled why APRS has become the predominant digital
> application of amateur radio, while packet networking has just never
> caught on. In emergency comms applications, I see TCP/IP packet for
> e-mail and data transport being far more valuable than telemetry, yet
> very little resources seem to be allocated to the development of these
> technologies. Just my observation, of course.

There are lotsa reasons why it has caught on:

1.) Ability to "SEE" other stations
2.) Ability to track others or even oneself.
3.) Ability to easily send messages keyboard to keyboard with another ham
4.) Weather station capability
5.) National Weather Service storm alerts: Turns affected counties different
colors depending on if there is a watch or a warning
6.) The UI frame is much more efficient than sitting in a network where you
have to have proper error correction and acknowledgement
7.) Ability for easy mobile operations. Particularly valuable in emergency
or special op situations. It is easy for people to see where shelters are,
where emergency crews are, etc.
8.) Feeling that what you are seeing is "live" and not just on some bulletin
board somewhere
9.) The short packet bursts and the small amount of information transmitted
works fine at 1200 bps. BBS and e-mail work is just too slow nowadays for
1200 bps.
10.) It's just COOL technology. Who wants to use a BBS program that is
still command line based and was written 10 or 15 years ago?

While a high speed packet backbone may be quite useful for passing e-mail
and so forth in an emergency situation, my bet is that most of the time, it
would remain idle. On APRS there is always something to see, someone to try
to talk to, etc. And it works great for sending health and welfare messages
as well.

So when you add it all up, APRS is a great tool and people see it that way.
I consider most normal packet boring. The way the frequencies and what not
are divided up in a given area are confusing; where do you find the latest
list of what's where; etc....APRS is simple: 144.39 MHz or 10.151 MHz LSB
(not counting the 10m, 17m, and other freqs people use).

Lastly, there is one other vastly used part of packet radio: DX Clusters
APRS can be used to monitor DX clusters as well!

While APRS may be a lot of telemetry it is FAR, FAR more than that.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] Re: MicE Repeaters/THD7

From: "Lumpy (mobile)" <lumpy@digitalcartography.com>
Date: Thu, 06 Jan 2000 21:09:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58759-2000.01.06-20.24.41--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Dale Blanchard wrote:

> Out in the west we have huge area mt. top to mt. top
> (CA,AZ,NV,UT,ID,WY. can all talk to each other...

Are you saying you can 'talk' between all those states?
Are you referring to voice or aprs? Surely you're not
talking about 2m VHF are you?

Lumpy ab0gd
--
Temporary Duty Assignment
West Hartford, Connecticut

The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] TM-D700A

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Thu, 6 Jan 2000 20:31:27 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58789-2000.01.06-22.41.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a setting to keep the D700 in Kiss mode? I have no documentation
on the built in TNC yet. This is what I have found: To get it into Kiss
mode, enter Kiss On, and they cycle power. If power cycles again, it comes
out of Kiss mode. Any suggestions? Brent

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] THD7/TMD700 DX List

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 7 Jan 2000 01:44:25 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58830-2000.01.07-02.08.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Regarding RESOURCE.TXT in Bob's APRSdos documentation:

Bob suggests using the DX spot format on 144.39 that could send specially
formatted messages to the DX List in D7's or D700's. I'm using one of the
LT buffers in my KPC3+ to send a packet on 144.39 about a local repeater
frequency. Hey, this might even be the method Bob was seeking out during
his last trip to be easily notified of the local repeaters in each area (at
least for Kenwood users)!

Anyway, quoting the doc file on this one, here's the format:
(set your email prog to fixed width characters for clarity):

======
To send a packet to be displayed on the THD7, use this format (broken up
here into two lines to fit Email:

 URCALL>RESORC:DX de YOURCALL.>
 1111111112222222222***3333333334444444444**********55555

 Fields 1,2,3 and 4 are all 10 bytes and field 5 is only 5 bytes.
 ALso: * TOCALL must not be any valid APRS TOCALL (thus I used RESORC)
        * DX de is required
        * YOURCALL. is a 9 character field which must be padded to 9
======

Note: The * characters in the example indicate SPACES in your string. 3
spaces between 2 and 3, 11 spaces between 4 and 5.   Pad spaces into any
unused characters in each area where the numbers are.

For example, you could use this as a traveler's local repeater frequency
reminder service. Use this on a WIDE that has LT's available, or on a local
station one hop to a WIDE, within the repeater area. Use no path on the

WIDE, or maybe one hop only from the local station to confine the repeater
reminder to the local area only for Hams driving through. Example:

BLT 1 E 00:15:00
LTP 1 REPETR
or
LTP 1 REPETR V WIDE
LT 1 DX de N0RMO****>
146.94-***W0EQU/R******Mic-E RptrOmaha, NE************OPEN*
(the previous line should not be wrapped... it is still on the same line
after the >)

Remember the * are required spaces, in addition to the spaces present within
the 10 character fields themselves. Since the DX List is designed to hold
call, frequency, and 2 line comment, plus a 5 character time field (which
could be used for PL), this is an great idea from Bob that could be useful
for travelers. Yes, it's biased toward Kenwoods, but "dumb" standalone
trackers can't read the mail anyway, and computer equipped trackers could
always catch it in the History List (which I always monitor anyways when
mobiling WinAPRS). I suppose you could instead use a BLN style message
properly formatted within an LT buffer, but it's the idea that counts.

Thanks for your time as usual,

Jim
N0RMO
Omaha, NE
jimgill@ix.netcom.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] PALM Organizers

From: "Nick Ziehe" <sputnick@IntNet.net>
Date: Fri, 7 Jan 2000 07:46:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58857-2000.01.07-07.02.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to find info on the Palm Organizers. I was at a website that
compared the different models for use with PocketAPRS, but of course can't
find it now.
How does the 3x compare to the 5 etc etc... advantages and disadvantages.
I don't want to spend more than $200-250.

Thanks
Nick Ziehe
K4VFR

--
Nikolas Ziehe
        __|__
--@--@--(_)--@--@--
K4VFR
sputnick@intnet.net
nick@ghoch1.de
http://www.angelfire.com/fl/sputnick

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] Re: TM-D700A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Jan 2000 08:45:22 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58867-2000.01.07-08.01.24--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On Thu, 6 Jan 2000, Brent Hildebrand wrote:

> Is there a setting to keep the D700 in Kiss mode? I have no documentation
> on the built in TNC yet. This is what I have found: To get it into Kiss
> mode, enter Kiss On, and they cycle power. If power cycles again, it comes
> out of Kiss mode. Any suggestions? Brent
k

For the THD7 it was: Give KISS command. THen send RESET. Whenever power
was lost, it always came up fresh in normal mode... I dont have my 700
right now...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] RE: [Cars Mlist] PALM Organizers

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Fri, 7 Jan 2000 09:22:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58868-2000.01.07-08.40.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think the best deal for most people today is the Palm IIIe.

The 5 is neat due to size and weight but its more than your price range.

73
Paul

> -----Original Message-----
> From: owner-cars@k4ksa.org [mailto:owner-cars@k4ksa.org]On Behalf Of
> Nick Ziehe
> Sent: Friday, January 07, 2000 7:47 AM
> To: Cars Remailer; htaprs@lists.tapr.org
> Subject: [Cars Mlist] PALM Organizers
>
>
> I am trying to find info on the Palm Organizers. I was at a website that
> compared the different models for use with PocketAPRS, but of course can't
> find it now.
> How does the 3x compare to the 5 etc etc... advantages and disadvantages.
> I don't want to spend more than $200-250.
>
> Thanks
> Nick Ziehe
> K4VFR
>
>
>
>
> --
> Nikolas Ziehe
>   __|__
> --@--@--(_)--@--@--
> K4VFR
> sputnick@intnet.net
> nick@ghoch1.de
> http://www.angelfire.com/fl/sputnick
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Re: Mic-E

From: "Tim Russell" <timruss@home.com>
Date: Fri, 7 Jan 2000 09:23:08 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58871-2000.01.07-09.37.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

   Regarding your post that repeaters aren't being Mic-E-fied because of the
Kenwood radios - that's true, to some extent, but there's another factor -
the big reason that Omaha is looking at installing it on our 146.94 repeater
is because it's an extremely wide-coverage machine, covering a 50-mile
radius quite nicely. There are no digis around that come close to that, and
there probably shouldn't be.

    So, even with the TH-D7 and the TM-D700 around, there's still a need for
this, because it will make it MUCH easier for me to get my TH-D7 packets out
into the APRS network during storm spotting and other service events.

Tim

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] Re: Mic-E

From: Jon Ogden <jono@enteract.com>
Date: Fri, 07 Jan 2000 09:32:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58874-2000.01.07-09.46.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/7/00 09:23, Tim Russell at timruss@home.com wrote:

> Regarding your post that repeaters aren't being Mic-E-fied because of the
> Kenwood radios - that's true, to some extent, but there's another factor -
> the big reason that Omaha is looking at installing it on our 146.94 repeater
> is because it's an extremely wide-coverage machine, covering a 50-mile
> radius quite nicely. There are no digis around that come close to that, and
> there probably shouldn't be.

Another problem with the Mic-E concept is that it only works when YOU are
talking on the repeater. If someone else is talking and ragchewing on the
repeater, there's no way to send your posit. Also, if you ID, "KE9NA
Listening", and BRRRAP! And then no one comes back to me, then in order to
send another posit, I need to ID again or kerchunk the repeater in another 2
minutes or whatever my beacon timing is. So if I am not talking to anyone,
it might be a LONG time in between my transmissions of posits. Obviously,
that's not too good.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Re: [Cars Mlist] PALM Organizers

From: "Chris" <w4yyz@tampabay.rr.com>
Date: Fri, 7 Jan 2000 10:31:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58875-2000.01.07-09.48.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmm.. About a month ago Value America had the Vx for about $180 shipped.
So keep looking...

Unless you find an "awesome deal" I would go with the Handspring VISOR.
http://www.handspring.com/

It runs the Palm OS, Infact its made by 3 people who started the palmpilot.

> I think the best deal for most people today is the Palm IIIe.
>
> The 5 is neat due to size and weight but its more than your price range.
>
> 73
> Paul
>
> > -----Original Message-----
> > From: owner-cars@k4ksa.org [mailto:owner-cars@k4ksa.org]On Behalf Of
> > Nick Ziehe
> > Sent: Friday, January 07, 2000 7:47 AM
> > To: Cars Remailer; htaprs@lists.tapr.org
> > Subject: [Cars Mlist] PALM Organizers
> >
> >
> > I am trying to find info on the Palm Organizers. I was at a website
> that
> > compared the different models for use with PocketAPRS, but of course
> can't
> > find it now.
> > How does the 3x compare to the 5 etc etc... advantages and
> disadvantages.
> > I don't want to spend more than $200-250.
> >
> > Thanks
> > Nick Ziehe
> > K4VFR
> >
> >
> >
> >
> > --
> > Nikolas Ziehe
> >   __|__
> > --@--@--(_)--@--@--
> > K4VFR
> > sputnick@intnet.net
> > nick@ghoch1.de
> > http://www.angelfire.com/fl/sputnick
> >
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Re: Mic-E

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Fri, 07 Jan 2000 16:33:21 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58876-2000.01.07-09.50.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Tim Russell [mailto:timruss@home.com]
> Sent: Friday, January 07, 2000 4:23 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Mic-E
>
>
> Bob,
>
>   Regarding your post that repeaters aren't being Mic-E-fied
> because of the
> Kenwood radios - that's true, to some extent, but there's
> another factor -
> the big reason that Omaha is looking at installing it on our
> 146.94 repeater
> is because it's an extremely wide-coverage machine, covering a 50-mile
> radius quite nicely. There are no digis around that come
> close to that, and
> there probably shouldn't be.

>
>   So, even with the TH-D7 and the TM-D700 around, there's
> still a need for
> this, because it will make it MUCH easier for me to get my
> TH-D7 packets out
> into the APRS network during storm spotting and other service events.
>
> Tim
>
That's exactly the same reason we are trying to get the repeater operators
to accept mic-e on there repeater site's but right now most don't want
anything digital on the repeater.

to overcome this we plan to put a mic-e gate at a home near to the repeater
site so it becomes interesting to use mic-e/kenwood on the repeater.

when the operater discovers that the frame's are short (0.3 - 0.5 s) he
might put the gate on the repeatersite

ahwell we will have to wait and see what is going to happen

(the repeater we are talking about is the aprs backtalk repeater in a big
part of the country)

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] Re: Mic-E

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Jan 2000 10:27:16 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58877-2000.01.07-09.54.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Jan 2000, Tim Russell wrote:

>   Regarding your post that repeaters aren't being Mic-E-fied because of the
> Kenwood radios - that's true, to some extent, but there's another factor -
> the big reason that Omaha is looking at installing it on our 146.94 repeater
> is because it's an extremely wide-coverage machine, covering a 50-mile
> radius quite nicely.

And I am glad to hear that!

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Re: PALM Organizers

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Fri, 07 Jan 2000 10:44:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58879-2000.01.07-09.59.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

www.pocketaprs.com

The Palm IIIx is in the $220 range at the moment. It sports the new display,
has 4 megs built in, and has an expansion slot internally(more memory(more
maps!)), and will support future operating systems. I'd say that's the buy
right now for a Palm APRS person.

http://www.palm.com/products/family.html

This is a matrix for comparison of the "3Com" Palms

Dennis, N2LBT

> I am trying to find info on the Palm Organizers. I was at a website that
> compared the different models for use with PocketAPRS, but of course can't
> find it now.

> How does the 3x compare to the 5 etc etc... advantages and disadvantages.
> I don't want to spend more than $200-250.
>
> Thanks
> Nick Ziehe
> K4VFR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: Mic-E

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Jan 2000 10:44:17 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58880-2000.01.07-10.01.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Jan 2000, Jon Ogden wrote:

> Another problem with the Mic-E concept is that it only works when YOU are
> talking on the repeater. ...
<snip>   > it might be a LONG time in between my transmissions of posits.
> Obviously, that's not too good.

TWO thoughts:

1) Thats why I put 144.39 in my radio's "CALL" memory. WHen I want to
send a posit, I just hit the CALL button, kerchunk the MIC and then hit
the CALL button again... to get back where I was...

2) If it is truely a Mic-E repeater, then just enable the AUTO circuit in
your Mic-E or Mic-Lite.
If the repeater output is not busy, it will then key up your rig
automatically and send the packet. THis will NOT be heard by otehr voice
users because the Mic-E repeater should have a kerchunk filter on it
anyway that wont bring up the voice OUTPUT for a Mic-E kerchunk...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Re: Mic-E

From: "Tim Russell" <timruss@home.com>
Date: Fri, 7 Jan 2000 10:11:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58886-2000.01.07-10.27.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KE9NA said..
>Another problem with the Mic-E concept is that it only works when YOU are
>talking on the repeater. If someone else is talking and ragchewing on the
>repeater, there's no way to send your posit. Also, if you ID, "KE9NA
>Listening", and BRRRAP! And then no one comes back to me, then in order to
>send another posit, I need to ID again or kerchunk the repeater in another
2
>minutes or whatever my beacon timing is. So if I am not talking to anyone,
>it might be a LONG time in between my transmissions of posits. Obviously,
>that's not too good.

Really? It was my understanding that you can set a TH-D7, as well as a
Mic-E, to send out posits alone if you don't talk for a certain amount of
time. I don't have much experience with it yet, but that was my
understanding.

I suppose that since a Mic-E unit has nothing to go on but the microphone,
that's not the case there, but I think a D7 can do that..

Tim

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: [Cars Mlist] PALM Organizers

From: Jon Ogden <jono@enteract.com>
Date: Fri, 07 Jan 2000 10:13:17 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58885-2000.01.07-10.27.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/7/00 09:31, Chris at w4yyz@tampabay.rr.com wrote:

> Hmm.. About a month ago Value America had the Vx for about $180 shipped.
> So keep looking...

Not the Vx. That model just came out and it is a $400+ unit. It must have
been a different model or Value America was taking a loss on it!

The Vx is the top of the line model (excluding the VII).

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Re: Mic-E

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 7 Jan 2000 10:28:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58893-2000.01.07-10.50.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Tim Russell" <timruss@home.com>
> ... It was my understanding that you can set a TH-D7, as well as a
> Mic-E, to send out posits alone if you don't talk for a certain amount of
> time.

Tim,
No, when the THD7 is in PTT mode (mic-e mode) the unit will only transmit a
posit when PTT is released, and only when the TX interval has passed and
BCON flashes to indicate that. The AUTO mode will send posits AT the
interval specified, but not upon key release in mic-e fashion. So in AUTO
mode the posits would likely be out of sync with your conversation or step
on a repeater user, depending on your combination of frequency DCD sense
settings.

I believe the true mic-e's will do what you describe, though.

Jim N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] RE: [Cars Mlist] PALM Organizers

From: Jim Baremore <k5qq@juno.com>
Date: Fri, 7 Jan 2000 08:25:46 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-58894-2000.01.07-10.55.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Jan 2000 09:22:31 -0500 "Paul Knupke, Jr." <pk@ij.net> writes:
> I think the best deal for most people today is the Palm IIIe.
>

> > -----Original Message-----
> > Subject: [Cars Mlist] PALM Organizers
> > I am trying to find info on the Palm Organizers. I was at a
> > website that compared the different models for use with PocketAPRS,
but of
> > course can't find it now.

I thought the 'e' model only had 1/2 the memory of the others and thus
was marginal, if usable at all, for APRS maps.

Per the original message, perhaps someone knows where the web site is on
PALM APRS as it would be a shame to have spent all of your bucks on a
good deal only to find it won't work for the APRS application.

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] Re: MicE Repeaters/THD7/"Telemetry"

From: Jim Baremore <k5qq@juno.com>
Date: Fri, 7 Jan 2000 09:06:48 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, timruss@home.com, mconner@null.net, aj0a@radiks.net
Message-ID: <LYR845-58896-2000.01.07-11.00.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 06 Jan 2000 19:34:28 -0500 "Edward A. Behl" <ed@eabehl.com>
writes:
> Jim -
>
> Yes, I have conceded that the Mic-E burst would be too short to be
> of any concern. Like I had mentioned, I'm an APRS neophyte, so I'm
> still getting up to speed on all the variations. Thanks for the
> explanation, though.

Hi Ed

I replied and it seemed almost 10 other folks did also. Hope you didn't
feel we were ganging up on you!!   I find this sig pretty good for folks
who, like you seem to be, interested in learning what is going on and
WHY.   Not enough time in my life for the flame throwers and I hope you
didn't get that feeling from all the comments you received.
>
> One thing I just read in a post today from Bob Bruninga regarding
> the Mic-Lite is the term "telemetry" which has been noticably lacking
in
> most conversations about APRS. In contrast to conventional packet
> radio, which is a point-to-point data mover, APRS is primarily a
telemetry
> application.

Yes that is true.   Most Weather Stations output data which can be put
into the serial input port just like GPS data and so WX is easy to do.
The rest of the telemetry is a different story however as there is no
guarantee of what it means.   I am logged onto the internet now and just
looked at the telemetry tab on APRS+ and there are about 8 stations that
have sent data.   The KPC3+ has several A/D converters built into it and
can easily send the digitized data but who knows what sensor is applied
to the input and what the calibration is.   But the application for
monitoring a repeater site battery voltage, power status and door alarms
are really neat features.

>
> I am still baffled why APRS has become the predominant digital
> application of amateur radio, while packet networking has just never
> caught on.

Actually packet networking did catch on and with a pretty good head of
steam but all of that was before the internet became widely available.
However in the transition, a few folks ruined packet as they got busy
sending jokes and recipies all all kinds of drivel and at about a 300

baud throughput rate, most folks got tired of trying to connect to their local bbs and trying to find what new info was there. Pretty soon folks decided this was useless and just quit and the critical mass to keep the interest up was lost. Note that the DX-Packet Cluster is still alive in a lot of areas as are some very specialized BBS's - T-Hunting and Swap Nets etc.

> In emergency comms applications, I see TCP/IP packet for
> e-mail and data transport being far more valuable than telemetry,
> yet very little resources seem to be allocated to the development of
> these technologies. Just my observation, of course.

I again think it is the case of no critical mass. I presume you are aware that APRS does have messaging as well as bulletin capabilities and that you can send messages to selected groups for such purposes. Our local RACES guys try that from time to time in communicating with the Red Cross station. They had visualized it would be great for lists of who was admitted to hospitals etc. However for tactical comm is just is not fast enough and so it never caught on in other applications.

Good luck and feel free to ask any questions. I presume by now you have found some of the major APRS sites where they discuss how to connect up the hardware to make trackers etc.

73's

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] APRS Forum

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Fri, 7 Jan 2000 10:46:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: ab5wf@juno.com, kc5jvb@magnolia.net
Message-ID: <LYR845-58899-2000.01.07-11.07.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will be conducting a forum on APRS at the Jackson, Mississippi Hamfest and Mississippi ARRL Convention on February 5. I would welcome suggestions on a presentation as well as an agenda for stimulating interest.

We put an APRS digipeater (AB5WF) on the air September 3, 1999 here in Jackson. Our friends in Vicksburg followed with the K5ZRO digi a couple of weeks later. There are a few of us active in central Mississippi, but this mode is still not well known. I gave a presentation at the Jackson ARC meeting in November to bring our club up to speed. (The Power Point presentation is on our website: www.jxnarc.org).

There are a couple of die-hard packet users who are probably hostile to APRS. I'd like to be prepared to argue FOR APRS, not against traditional packet. Jon Ogden: Thanks for your recent top 10 reasons why APRS is COOL. I'll use that.

Any suggestions will be welcomed. We are working hard to plug this hole in the map!

Bill McLarty, KM5GE
km5ge@arrl.net
bmclarty@trustmark.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] RE: [Cars Mlist] PALM Organizers

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Fri, 7 Jan 2000 10:48:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>, htaprs@lists.tapr.org
Message-ID: <LYR845-58900-2000.01.07-11.10.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's a couple:

http://www.pocketaprs.com/

http://www.qsl.net/n6qab/microaprs.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Re-post of question THD700 and GPS differential receiver.

From: "Erich Berman" <erich@berman.org>
Date: Fri, 7 Jan 2000 11:08:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58905-2000.01.07-11.25.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/enriched

<color><param>0100,0100,0100</param>This message was sent to the group yesterday. I haven't seen a public
response. I'm very curious to read an answer to this question. Does
the D700 really serve as a DGPS receiver?

I'm very intereseted in this radio and plan to purchase one soon.
However, "version one-point-oh" blues has gotten me more than once.
I'm waiting on this purchase until all unfound issues have been found
out. In the meantime, it sure would be usefull if Kenwood would publish
a .pdf version of the doc.

------- Forwarded Message Follows -------

</color>From: <color><param>0000,0000,8000</param>"Hazen, Dwight L"
<<hazen@indiana.edu>

</color>To: <color><param>0000,0000,8000</param>"TAPR Hot Technology APRS"
<<htaprs@lists.tapr.org>

</color>Copies to: <color><param>0000,0000,8000</param>"Naab, John W" <<jnaab@indiana.edu>

<bold></color>Subject: <color><param>0000,0000,8000</param>[htaprs] THD700 and GPS differential
 receiver.

</bold></color>Date sent: <color><param>0000,0000,8000</param>Thu, 6 Jan 2000 13:10:53 -0500

<underline><color><param>0000,8000,0000</param>[Double-click this line for list subscription options
]</underline></color>

 I was reading the manual for my D700 last night just as I went to bed.

 And

this morning I think it said you can set the radio up so that the D700 can

be a differential receiver to your GPS? I take it this means you have to

have a local transmitter sending position data on a vhf or uhf frequency

that the D700 can receive and then decode to send to the GPS to
improve

the accuracy.

 Is this right? If so what a deal!

Dwight

Dwight L. Hazen, Indiana University, UITS

Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu

http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

You are currently subscribed to htaprs as: ERICH@BERMAN.ORG

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

<nofill>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: Mic-E

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Jan 2000 12:38:49 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58912-2000.01.07-12.06.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Jan 2000, Tim Russell wrote:

> Really? It was my understanding that you can set a TH-D7, as well as a
> Mic-E, to send out posits alone if you don't talk for a certain ...time.
>
> I suppose that since a Mic-E unit has nothing to go on but the microphone,
> that's not the case there, but I think a D7 can do that..

Otherway around I think. THe Kenwoods did not implement the Mic-E "AUTO"
mode as designed into the Mic-E and Mic-Lite. But they do have a "AUTO"
mode... Here is the difference:

THD7/TMD700: Auto mode here is just like any dumb tracker. It will
transmit every N seconds or minutes. Just like any TNC, it will wait a
fraction of a second for the channel to be clear. BUT (I think) this
Carrier Detect is packet detect, and not just carrier detect. THus, if
the channel is busy with VOICE, it may still transmit. ALso, it does not
do this AUTO separate and independent of the PTT mode. THus in AUTO mode,
it will never transmit on release of PTT.

Mic-E/Mic-Lite: AUTO works in conjunction with PTT mode. THere are 3
timers. One for PTT enabling and one for AUTO (usually longer). PTT
posits work as normal. But if an additional period of time (AUTO time)
occurrs and you have not transmitted PTT, then it will check channel clear
and wait an additional 3rd timer (maybe 5 seconds) and then if the channel
is still clear of any audio, it will Kerchunk the PTT and send a packet.
This packet has an additional TXD to take into account the additional
transmit key up delay. Thus when you configure AUTO mode in a MIC-e
(front panel switch turns it on/off) then you configure 3 timer values:
PTT delay, AUTO delay, and channel clear delay. The THD7/D700 does not
have any of this additional logic...

The Channel busy detect in the Mic-E is purelly an envelope detector. It
will hold off on any noise (but it does need lots of audio to drive it).

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] Re: APRS Forum

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Jan 2000 12:52:55 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, ab5wf@juno.com,
kc5jvb@magnolia.net
Message-ID: <LYR845-58913-2000.01.07-12.09.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Jan 2000, Bill McLarty wrote:

> I will be conducting a forum on APRS at the Jackson, Mississippi Hamfest
...
> We put an APRS digipeater (AB5WF) on the air September 3, 1999 here in Jackson.
> Our friends in Vicksburg followed with the K5ZRO digi a couple of weeks later.
> There are a few of us active in central Mississippi, but this mode is still not
> well known.

You didnt mentiion if you can see other activity outside of Mississippi.
It might be useful to:

1) Somehow get someone out 50-60 miles to put up a tempo digi to bring in
some more outside traffic..

2) Put up an IGate and set it to FEED internet acitvity into your area...
I think APRS+ and some other LINUX routines have been written to serve
this kind fo temporary need to flood a local channel....

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Re: MicE Repeaters/THD7/"Telemetry"

From: Carl <carl_mail@dr.com>
Date: Fri, 07 Jan 2000 19:48:19 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-58940-2000.01.07-14.08.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > I am still baffled why APRS has become the predominant digital
> > application of amateur radio, while packet networking has just never

My view is that packet itself became boring - initially there was a good
deal of live messing about - node hopping and beaconing your station
details encoraging live connects - then folk started to 'tell you off'
of you enabled a beacon - then traffic levels (unviewable 7PLUS binary
files of all sorts of daft pictures) became such that
node hopping stopped working -- and packet became an off-line mode,
which the internet does thousands of times more efficiently.

The packet clusters might have saved things, but the majority of
2m operators dont have HF, so that wasnt enough IMO. At the same time
folk tend to have one 2m base station - so packet killed 2m ssb and
even 2m FM is deathly quiet compared to how it was ten years ago. We
recently doubled our channels with 12.k spacing - Im not aware that
any have been needed yet!

APRS is live, different, on a separate frequency from people who
'police' the bands (well for now anyway....) and encourages
mobile activity (so suits people who have never managed a
rock breaking station, or who can't afford one...). It seems to
have interested a number of people that had stopped using their
TNCs.

My major concern about it is that it is developing in so
many directions it is likely to run out of bandwidth on a single
frequency - and that will bring the 'oi, turn that light out!'
brigade back... ;) (little world war two reference there...)

Fascinating mode however. Especially now that we have several
mobile folk running up and down the country (uk). I look forward to
a network of weather nodes too (any suggestions as to how
the weather icon might show rate of change and direction of
pressure- because that would be interesting on a 'whole country

map' basis.)

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: Re-post of question THD700 and GPS differential receiver.

From: Jon Anhold <jon@snoopy.net>
Date: Fri, 7 Jan 2000 14:57:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-58943-2000.01.07-14.14.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, it is my understanding that if you split data TX/RX on vhf/uhf, you can
transmit your position on VHF and recieve DGPS on UHF.

-j

Previously, Erich Berman (erich@berman.org) said:
> This message was sent to the group yesterday. I haven't seen a
> public response. I'm very curious to read an answer to this question.
> Does the D700 really serve as a DGPS receiver?
>
> I'm very intereseted in this radio and plan to purchase one soon.
> However, "version one-point-oh" blues has gotten me more than once.
> I'm waiting on this purchase until all unfound issues have been found
> out. In the meantime, it sure would be usefull if Kenwood would
> publish a .pdf version of the doc.
>
>
> ------- Forwarded Message Follows -------
> From: "Hazen, Dwight L" <hazen@indiana.edu>
> To: "TAPR Hot Technology APRS"
> <htaprs@lists.tapr.org>
> Copies to: "Naab, John W" <jnaab@indiana.edu>
> Subject: [htaprs] THD700 and GPS differential receiver.
> Date sent: Thu, 6 Jan 2000 13:10:53 -0500
>
> [Double-click this line for list subscription options]
>
>
> I was reading the manual for my D700 last night just as I went to bed.
> And
> this morning I think it said you can set the radio up so that the D700
> can
> be a differential receiver to your GPS? I take it this means you have
> to
> have a local transmitter sending position data on a vhf or uhf
> frequency
> that the D700 can receive and then decode to send to the GPS to
> improve
> the accuracy.
>
> Is this right? If so what a deal!
>
>   Dwight
>
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
>
>
>
> ---
> You are currently subscribed to htaprs as: ERICH@BERMAN.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
> ---

> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

--
Just remember...if the world didn't suck, we'd all fall off.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] Re: Re-post of question THD700 and GPS differential receiver.

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 7 Jan 2000 17:11:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58952-2000.01.07-16.27.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After doing a little looking around on the web it seems the frequency for
DGPS that the USCG uses is Frequency Range: 283.5~ 325.0 kHz So the D700
might have a hard time with that. Still the question is will the D700 work
as a dgps receiver if it can receive the correct frequency and decode the
data?
I know that commercial services offer dgps using sub-carriers on commercial
FM transmitters.
  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Jon Anhold [SMTP:jon@snoopy.net]
> Sent: Friday, January 07, 2000 2:57 PM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Re-post of question THD700 and GPS differential
> receiver.
>
>
> Yes, it is my understanding that if you split data TX/RX on vhf/uhf, you
> can
> transmit your position on VHF and recieve DGPS on UHF.
>
> -j
>
> Previously, Erich Berman (erich@berman.org) said:
> > This message was sent to the group yesterday. I haven't seen a
> > public response. I'm very curious to read an answer to this question.
> > Does the D700 really serve as a DGPS receiver?
> >
> > I'm very intereseted in this radio and plan to purchase one soon.
> > However, "version one-point-oh" blues has gotten me more than once.
> > I'm waiting on this purchase until all unfound issues have been found
> > out. In the meantime, it sure would be usefull if Kenwood would
> > publish a .pdf version of the doc.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] THD700 and GPS differential receiver.

From: "Phil Petsonk n6mly" <n6mly@qsl.net>
Date: Fri, 7 Jan 2000 19:35:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58979-2000.01.07-18.56.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There seems to be a misunderstanding about how GPS decoding is done. GPS
decoding is done entirely in the GPS unit. It receives the satelites, decodes
the data, converts it to lat/long shows the results on the readout, and ouputs
it in a standardized serial form that the radio can read. The radio only
decodes this final data stream.

What is broadcast in the low band is not DGPS but the DGPS correction signal.
It contains the selective availablilty corrections to be applied to the satelite
data so as to get the correct position. You can receive the DGPS signals on any
low-band receiver but all you hear is a digital buzzing which is usless without
the proper decoding which is part of the circuitry inside a DGPS receiver. The
DGPS receiver decodes this and the output is fed directly into the GPS (which
must be DGPS ready) and the GPS then applies the corrections internally, giving
you the correct position. You must have both, a DGPS receiver and a GPS.

The commercial DGPS systems are more accurate and the special equpment and
licence fees are quite expensive. You could try to hack it but it would be
illegal to do so, more or less equivilent to hacking pay TV.

There is a DGPS decoder board available from TAPR but I think it is only for one
specific unit. (Check it out on the TAPR site).

Phil

----- Original Message -----
From: Hazen, Dwight L <hazen@indiana.edu>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, January 07, 2000 5:11 PM
Subject: [htaprs] Re: Re-post of question THD700 and GPS differential receiver.

After doing a little looking around on the web it seems the frequency for
DGPS that the USCG uses is Frequency Range: 283.5~ 325.0 kHz So the D700
might have a hard time with that. Still the question is will the D700 work
as a dgps receiver if it can receive the correct frequency and decode the
data?
I know that commercial services offer dgps using sub-carriers on commercial
FM transmitters.
  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Jon Anhold [SMTP:jon@snoopy.net]
> Sent: Friday, January 07, 2000 2:57 PM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Re-post of question THD700 and GPS differential
> receiver.
>
>
> Yes, it is my understanding that if you split data TX/RX on vhf/uhf, you
> can
> transmit your position on VHF and recieve DGPS on UHF.
>
> -j
>
> Previously, Erich Berman (erich@berman.org) said:
> > This message was sent to the group yesterday. I haven't seen a
> > public response. I'm very curious to read an answer to this question.
> > Does the D700 really serve as a DGPS receiver?
> >
> > I'm very intereseted in this radio and plan to purchase one soon.
> > However, "version one-point-oh" blues has gotten me more than once.
> > I'm waiting on this purchase until all unfound issues have been found
> > out. In the meantime, it sure would be usefull if Kenwood would
> > publish a .pdf version of the doc.
>

You are currently subscribed to htaprs as: n6mly@qsl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at

http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Re: D700 computer commands same at D7

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 7 Jan 2000 18:57:49 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58983-2000.01.07-19.19.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Alan K. Adamson" <ne1h@ne1h.dynip.com>
> All, You all probably have tried this, but if you ...
> ... look at the PC control commands for the D7A and try them on
> the D700, they work.

I just got my TMD700A mobile, and I was excited and surprised to find this capability. I have a D7, but since I've never made or purchased a serial cable for it, I never got the chance to see or try the D7 control commands. Now since the D700 has a standard DB9 connector, I tried AI 1 and am able to check out all the data flowing out the port when the radio is action. It is quite amazing how much detailed information the radio spits out the port, especially even with the TNC in APRS mode. I'd be happy to send anyone that wants it an example text capture file of the data coming out of the port with a brief description of what the radio is doing at the time.

Quite a lot to learn with this, but I can visualize some pretty exciting ideas for a control program for the D700!!! A totally visual screen, with all kinds of control and memory options, plus full display and logging of all APRS data as it comes out the serial port. I just don't have the programming skill that the great authors on the sig do.

On a related note, regarding the quoting below on wanting an alternative outboard method of message entry for the D700 when in APRS mode; while the D700 allows control and monitoring of most every option through the serial port, it does *not* echo message entry functions out the port when you use either the control head or keyboard to enter a message. I'm still researching it to find a way. It appears with everything else you can send to the radio to control it over the serial port, there has to be a way for msgs also.

Thanks, Jim N0RMO   Omaha NE

Bob B. said:
>Maybe you can convince Kenwood to do a re-design. But in the meant time,
>what we have is a radio that accepts MESSAGE TEXT entry from the Mic
>TTpad.

and Edward A. Behl - KG4ALG said:
> If you're going to use an external processor to augment the control
> functionality of the TM-D700's processor and software already running in
> the radio itself (which sounds kinda goofy as it is...) why not go all
> the way?
..
> What I think you're proposing is the use of a "black box" to fill in the
> missing pieces.
..
> I'm not opposed to that idea at all. It's just a shame we can't tap the
> internal processor already in the rig. Perhaps someday a manufacturer
> will allow room for loading and running custom macros in the rig, or a
> sort of "KISS" mode to allow complete outboard control of the radio
> using API's.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] Re: THD700 and GPS differential receiver.

From: "Paul Anderson" <vr2yrc@harts.org.hk>
Date: Sat, 8 Jan 2000 10:03:40 +0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-58987-2000.01.07-20.57.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For information about home brew DGPS receivers try :

Rich Heineck's Homebrew DGPS Receiver Page
http://home1.gte.net/clseng/DGPS_index.htm

This guy doesn't appear to be a ham, but he does seem to have done
quite a lot of work in this area.

Has anyone on this list built something like what he describes ?

73 Paul / VR2YRC.

On 7 Jan 00, at 19:35, Phil Petsonk n6mly wrote:

> There seems to be a misunderstanding about how GPS decoding is done.
> GPS decoding is done entirely in the GPS unit. It receives the
> satelites, decodes the data, converts it to lat/long shows the results
> on the readout, and ouputs it in a standardized serial form that the
> radio can read. The radio only decodes this final data stream.
>
> What is broadcast in the low band is not DGPS but the DGPS correction
> signal. It contains the selective availablilty corrections to be
> applied to the satelite data so as to get the correct position. You
> can receive the DGPS signals on any low-band receiver but all you hear
> is a digital buzzing which is usless without the proper decoding which
> is part of the circuitry inside a DGPS receiver. The DGPS receiver
> decodes this and the output is fed directly into the GPS (which must
> be DGPS ready) and the GPS then applies the corrections internally,
> giving you the correct position. You must have both, a DGPS receiver
> and a GPS.
>
> The commercial DGPS systems are more accurate and the special equpment
> and licence fees are quite expensive. You could try to hack it but it
> would be illegal to do so, more or less equivilent to hacking pay TV.
>
> There is a DGPS decoder board available from TAPR but I think it is
> only for one specific unit. (Check it out on the TAPR site).
>
> Phil
>
> ----- Original Message -----
> From: Hazen, Dwight L <hazen@indiana.edu>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Sent: Friday, January 07, 2000 5:11 PM
> Subject: [htaprs] Re: Re-post of question THD700 and GPS differential
> receiver.
>
>
>
> After doing a little looking around on the web it seems the frequency
> for DGPS that the USCG uses is Frequency Range: 283.5~ 325.0 kHz So
> the D700 might have a hard time with that. Still the question is will
> the D700 work as a dgps receiver if it can receive the correct
> frequency and decode the data? I know that commercial services offer
> dgps using sub-carriers on commercial FM transmitters.
>   Dwight
>
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
>
> > -----Original Message-----
> > From: Jon Anhold [SMTP:jon@snoopy.net]
> > Sent: Friday, January 07, 2000 2:57 PM
> > To: TAPR Hot Technology APRS
> > Cc: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: Re-post of question THD700 and GPS
> > differential receiver.
> >
> >
> > Yes, it is my understanding that if you split data TX/RX on vhf/uhf,
> > you can transmit your position on VHF and recieve DGPS on UHF.
> >
> > -j

> >
> > Previously, Erich Berman (erich@berman.org) said:
> > > This message was sent to the group yesterday. I haven't seen a
> > > public response. I'm very curious to read an answer to this
> > > question.
> > > Does the D700 really serve as a DGPS receiver?
> > >
> > > I'm very intereseted in this radio and plan to purchase one soon.
> > > However, "version one-point-oh" blues has gotten me more than
> > > once. I'm waiting on this purchase until all unfound issues have
> > > been found out. In the meantime, it sure would be usefull if
> > > Kenwood would publish a .pdf version of the doc.
> >
>
> ---
> You are currently subscribed to htaprs as: n6mly@qsl.net
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>
>
>
>
> _____________________________________
> NetZero - Defenders of the Free World
> Get your FREE Internet Access and Email at
> http://www.netzero.net/download/index.html
>
> ---
> You are currently subscribed to htaprs as: vr2yrc@harts.org.hk
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: D700 computer commands same at D7

From: Walter Dunckel <walter@radiohound.com>
Date: Sat, 08 Jan 2000 11:09:19 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-59119-2000.01.08-13.33.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since the 700 seems to be so similar to the D7, this leads me to believe that
the following functions will work...
On the TH-D7 messages can be input using the AMSG 00,CALLSIGN,Message text here
And read by input AMSG 01 (for read of message #1 AMSG 02 for read of message #2
etc)

FYI, AI 1 turns on output function (on the D7 and probably the 700) so you can
see what command different buttons send to the radio. This is very handy for
reverse engineering the commands for the radio's serial port. You can see the
serial command while you operate the radio from the radios keypad.

see http://www.radiohound.com/d7zpinfo.htm for more info
Walter

Jim Gill wrote:

>
>
> On a related note, regarding the quoting below on wanting an alternative
> outboard method of message entry for the D700 when in APRS mode; while the
> D700 allows control and monitoring of most every option through the serial
> port, it does *not* echo message entry functions out the port when you use
> either the control head or keyboard to enter a message. I'm still
> researching it to find a way. It appears with everything else you can send
> to the radio to control it over the serial port, there has to be a way for
> msgs also.
>
> Thanks, Jim N0RMO   Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] GPS Cable for TM-D700

From: "James Kalkowski" <toast@portone.com>
Date: Sat, 8 Jan 2000 17:21:50
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59152-2000.01.08-17.37.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got my new D700 yesterday and much to my dismay, the GPS cable was defective. It has a break in it somewhere. Has anyone else found this to be the case with their D700?

Not to be kept down, I went to RS and bought the 2.5 mm telephone cable that has been discussed here in the past. If you are thinking about buying this cable, let me give you one word of advice...Don't! It is like trying to solder human hairs. I managed to get it working in my vehicle but I do not know how long it is going to last. It should hold until I can get a new cable.

With that said, I plan on buying a few cables from the mouser.com site. Given the cost to ship one, I am thinking about buying a dozen or so if there is a need out there for them. I can probably drop them into an envelope and ship them for about a dollar over their actual cost. I'd appreciate some feedback. Does anyone thik they'd be interested in these for about $4.50 - $5.00 each? If I get enough of a positive response, I'll do it.

-73-
Jim
N1GTL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] Re: GPS Cable for TM-D700

From: Tom Rutter <kf4hjx@home.com>
Date: Sat, 08 Jan 2000 22:49:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59209-2000.01.08-22.06.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James Kalkowski wrote:
>
> I just got my new D700 yesterday and much to my dismay, the GPS cable was
> defective. It has a break in it somewhere. Has anyone else found this to
> be the case with their D700?
>
> Not to be kept down, I went to RS and bought the 2.5 mm telephone cable
> that has been discussed here in the past. If you are thinking about buying
> this cable, let me give you one word of advice...Don't! It is like trying
> to solder human hairs. I managed to get it working in my vehicle but I do
> not know how long it is going to last. It should hold until I can get a
> new cable.
>
> With that said, I plan on buying a few cables from the mouser.com site.
> Given the cost to ship one, I am thinking about buying a dozen or so if
> there is a need out there for them. I can probably drop them into an
> envelope and ship them for about a dollar over their actual cost. I'd
> appreciate some feedback. Does anyone thik they'd be interested in these
> for about $4.50 - $5.00 each? If I get enough of a positive response, I'll
> do it.
>
> -73-
> Jim
> N1GTL
>
> ---
> You are currently subscribed to htaprs as: KF4HJX@HOME.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] TM-D700A 9600 bps operation

From: "Dr. Rick Olsen" <n6nr@email.msn.com>
Date: Sat, 8 Jan 2000 22:10:25 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59247-2000.01.09-00.26.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The manual for the TM-D700 indicates that the radio will transmit with either GMSK or direct FM, but does not provide detail as to how, or even IF there is user control of these modulation types. Has anyone discovered whether there is more than one modulation scheme that can be used for 9600 bps operation? I won't rule out the possibility that the information is in the manual, and I just read past it.

Bottom line is that I am receiving the local node at 9600, but have not been successful thusfar in connecting to it. Pilot error, I suppose?

73 de Rick, N6NR
ARRL TA (and a bit embarrassed to admit it, HI)

158. [htaprs] TM-D700A control commands web page

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sun, 9 Jan 2000 03:06:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59260-2000.01.09-03.32.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have started a web page to describe the control commands available for the TM-D700A. Using these, you can control and set many functions and options through the radio's serial port. This may help you until someone produces specific software for this radio. It has been suggested that maybe the TH-D7A software will work to program it, but since there are enough options and settings that are different enough and the record structure is likely somewhat different, I'm not in the mood to try it. In any event, go to

http://home.netcom.com/~jimgill/tmd700a.htm

and you'll be presented with the efforts I have made so far. Use these at your own risk and discretion... however, I monitored these right off the radio's serial port when I was programming the radio.

I guess I should thank Darryl VK2TDS for initially doing all the work on the TH-D7A commands, and giving me the idea to set this up. Hope my helps someone.

Thanks

Jim Gill
N0RMO
Omaha, NE
jimgill@ix.netcom.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] Re: APRS Forum

From: "Russ Tillman" <kc5jvb@magnolia.net>
Date: Sun, 9 Jan 2000 09:18:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>, <ab5wf@juno.com>
Message-ID: <LYR845-59300-2000.01.09-09.35.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob:

I refer to your recent post regarding Mississippi APRS activities:

>You didnt mentiion if you can see other activity outside of Mississippi.
>It might be useful to:
>
>1) Somehow get someone out 50-60 miles to put up a tempo digi to bring in
>some more outside traffic..

Yes, on good propogation days, we pick up the Baton Rouge, Memphis, and Alabama APRS digipeaters. This link allows us to bring in traffic as far as North Carolina and Georgia.

>2) Put up an IGate and set it to FEED internet acitvity into your area...

>I think APRS+ and some other LINUX routines have been written to serve
>this kind fo temporary need to flood a local channel....

Sounds like a good idea/project. One step at a time.

Regards

Russ Tillman, K5NRK
Vicksburg, Mississippi

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] RE: GPS Cable for TM-D700

From: "Walter Holmes" <walterh@houston-intranet.com>
Date: Sun, 9 Jan 2000 10:02:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59320-2000.01.09-10.18.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James,

  I too found the issue your talking about with the GPS cable. However, after further investigation, I discovered that the cable is actually just fine. It's just that the capacitance in your body, seems to be enough to prevent the ohm meter form sowing continuity if your touching it with your finger, like to hold the wire on. Try touching the connections, without your fingers involved, and it will show perfectly fine.

Very odd one indeed. But I wired up my cable yesterday to my GPS after finding this, and it works fine.

Walter/K5WH

-----Original Message-----
From: bounce-htaprs-7210@lists.tapr.org
[mailto:bounce-htaprs-7210@lists.tapr.org] On Behalf Of James Kalkowski
Sent: Saturday, January 08, 2000 5:22 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] GPS Cable for TM-D700

I just got my new D700 yesterday and much to my dismay, the GPS cable was defective. It has a break in it somewhere. Has anyone else found this to be the case with their D700?

Not to be kept down, I went to RS and bought the 2.5 mm telephone cable that has been discussed here in the past. If you are thinking about buying this cable, let me give you one word of advice...Don't! It is like trying to solder human hairs. I managed to get it working in my vehicle but I do not know how long it is going to last. It should hold until I can get a new cable.

With that said, I plan on buying a few cables from the mouser.com site. Given the cost to ship one, I am thinking about buying a dozen or so if there is a need out there for them. I can probably drop them into an envelope and ship them for about a dollar over their actual cost. I'd appreciate some feedback. Does anyone thik they'd be interested in these for about $4.50 - $5.00 each? If I get enough of a positive response, I'll do it.

-73-
Jim
N1GTL

You are currently subscribed to htaprs as: k5wh@houston-intranet.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] APRS Web page updates

From: Gary Wells <gwells@nbn.net>
Date: Sun, 09 Jan 2000 15:16:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59396-2000.01.09-14.32.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi!
It's time again of my annual APRS web page links update. Please
take a look at my list of APRS web sites at:

http://www.n3hcp.com/links.html

Several links the were listed been deleted. Some may have only
changed URLs, so I need the help of all you good APRS users.
If you have, or know of an APRS web page, check for it on the list.
Let me know the URL of any pages not listed, and I will add them.

I would like to keep this one of the most complete list of APRS and
related sites. Your help will be greatly appreciated.

Thanks,

Gary N3HCP
gwells@nbn.net

Gary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] Palm OS and Kenwood TH-D7

From: Richard Stasiak <rstasiak@sympatico.ca>
Date: Sun, 9 Jan 2000 16:05:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59407-2000.01.09-15.22.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi guys, a couple of questions that I need help on;

1) I have a Visor Deluxe (Palm Vx clone from handspring). To work on RS232 it needs a level convertor from TTL to RS232. Before I build one, has anyone successfully used Palm APRS with a Visor. The Visor uses Palm OS 3 but I'm not sure if the different serial port levels will cause a communication problem with the TH-D7.

2) I also have an older Palm Professional that runs Palm OS 2. Is there any APRS software that will run on this OS. In addition, are there any programs that will enable me to use the Palm Professional as an input terminal for messaging and test display when the TH-D7 runs APRS in Mic E mode (ie standalone)?

Thanks for the bandwidth. I am new to this reflector and APRS and find it aids greatly in APRS education.

73
Rick VE3MM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] TM-D700 Manual

From: Dave Hungerford <dave@hungerford.cc>
Date: Sun, 09 Jan 2000 16:38:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59408-2000.01.09-15.56.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is the TM-D700 Manual posted anywhere? The TH-D7A Manual is on the Kenwood
site but I haven't been able to find the manual for the new radio. I would
like to see it before I buy the new radio.
                    Dave N1OLX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] Re: TM-D700A 9600 bps operation

From: "Dr. Rick Olsen" <n6nr@email.msn.com>
Date: Sun, 9 Jan 2000 15:46:27 -0800

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59433-2000.01.09-18.02.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am pleased to report that a) I was not suffering from a senior moment after all, and b) my connect problem was multipath-related. Once cured, the D700A performed admirably on 9600 bps with the local tcp/ip machine here on 441.975. As for the GMSK vs. direct FM question, I'm still tracking down the answer to that one. Stay tuned.

Thanks to all who offered suggestions.

73 de Rick, N6NR
ARRL TA

165. [htaprs] APRS+SA V1.99XO

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Sun, 9 Jan 2000 19:17:17 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59478-2000.01.09-21.34.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

2000/01/09
Current Beta version is 1.99 XO found in APRS+2.zip.
1.99XO
1) Minor tweaks to Reply/Acks. Replay/Acks improve acknowledgment of APRS
messages. Note that Time Encoded message numbers has been disabled in this
release.
2) Fixed TM-D700 Custom messages causing Mic-E Alarm to be triggered.
3) Added Altitude to TM-D700 support.

Brent KH2Z

ftp://ftp.tapr.org/aprssig/winstuff/aprsplus.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] 90 degree connecters

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Mon, 10 Jan 2000 00:23:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59524-2000.01.10-00.23.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I goofed, I deleted the file that had e-mail relating to the info I requested on the connectors for running my rig in a chest pack. Could someone send it to me again? I would be most greatful.

Thanks in advance
Peter
_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] mic-e repeater dcd

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 10 Jan 2000 11:05:03 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59551-2000.01.10-04.22.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

last night i had a talk with my local repeater opperator about the best dcd
for mic-e repeaters.

he stated that it had to be fast and only react to packet and not to voice
ofcourse this imposible as there will always be 1200 and 2200 tones in voice
so it will always be a tradeoff between quick responce and minimum
disruption of voice.

but there is a way to get around this:
his repeater has an audio delay to counter for the slow responce of the

ctcss decoder
this means that he has 110ms to discover if the dcd is activated bij packet
or voice and that seems to be plenty of time.
lets say you put the treshold at 75ms continues dcd you only have to cut the
audio 35ms after the treshold is passed (110ms - 75ms) this way you have a
dcd that is faster that the output off the repeater and utopia has been
reached :) because it is very unlikely that a 1200 or 2200 hz tone will be
longer 75ms in voice.

73 de Andre PE1RDW
APRS DIGI co-ordinator Netherlands

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] Re: Palm OS and Kenwood TH-D7

From: Randy <ka0azs@commkey.net>
Date: Mon, 10 Jan 2000 05:54:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-59552-2000.01.10-05.10.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rick,

        If you haven't already, check out the following URL which may answer
some of your questions:

http://www.pocketaprs.com/faq.html#anchor409528

  I just got a Garmin GPSII+ and am just about ready to start setting up
my PALM III for Pocket APRS.

http://www.pocketaprs.com/faq.html#anchor409528

Richard Stasiak wrote (edited version):

> 1) I have a Visor Deluxe (Palm Vx clone from handspring)...
>
> 2) I also have an older Palm Professional that runs Palm OS 2. Is there any APRS software that will
run on this OS.

73 and good luck!

--
Randy Allen, KAØAZS
Asst. EC Montgomery CO Ohio
OH Dist. 3 ARES Web Page:
http://www.cmplus.com/public/hamd3.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] Re: 90 degree connecters

From: RASNM@aol.com
Date: Mon, 10 Jan 2000 07:23:51 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59562-2000.01.10-06.40.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 1/9/00 11:09:12 PM US Mountain Standard Time,
fire_rescue_ems1@netzero.net writes:

<< the info I requested on the connectors >>

Did I miss a tread here? I am looking for a 90 degree serial adapter for my
laptop. Does anyone know if there are 90 degree mouse port adapters ?
73-ron-kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] RDF Question

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Mon, 10 Jan 2000 08:45:41 -0700

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59580-2000.01.10-10.00.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have read the section on the RDF in the web page and the search in the
archives has not yielded much either. The APRS does RDF? Does this work
only on packet or can you use it to find the location of non packet stations
as well?

I thank all for the information in advance
Peter Anderson

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Re: mic-e repeater dcd

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 10 Jan 2000 12:09:20 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-59593-2000.01.10-11.25.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 10 Jan 2000, Schayk A.H. van wrote:

> last night i had a talk with my local repeater opperator about the best dcd
> for mic-e repeaters.
>
> he stated that it had to be fast and only react to packet and not to voice
> ofcourse this imposible as there will always be 1200 and 2200 tones in voice
> so it will always be a tradeoff between quick responce and minimum
> disruption of voice.

That is exactly the design goal in the Kantronics KPC3 MUTE mode. It is
NOT A DCD. A DCD is designed to trigger on the first possible presence of
a packet. THe MUTE logic is independent and is designed to trigger only
after DATA has been present (error free) long enough to assure 99.99%
assurence and avoidance of a false detection. The MUTE circuit is not
detecting tones. It goes high after there have been N 100% successful
AX.25 valid BITS with no errors. (Or at least that is what I requested
KANTRONICS to do).

Yes, this works very well with a delayed repeater.

Even before the KPC-3, however, I felt you could do the muting with an RC
time constant and transistor to pre-filter the DCD as you suggest below..

bob
>
> but there is a way to get around this:
> his repeater has an audio delay to counter for the slow responce of the
> ctcss decoder
> this means that he has 110ms to discover if the dcd is activated bij packet
> or voice and that seems to be plenty of time.
> lets say you put the treshold at 75ms continues dcd you only have to cut the
> audio 35ms after the treshold is passed (110ms - 75ms) this way you have a
> dcd that is faster that the output off the repeater and utopia has been
> reached :) because it is very unlikely that a 1200 or 2200 hz tone will be
> longer 75ms in voice.
>
> 73 de Andre PE1RDW
> APRS DIGI co-ordinator Netherlands
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org

US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] Tripmate with D700?

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Mon, 10 Jan 2000 12:52:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59597-2000.01.10-12.07.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone done this yet? I have a Tripmate that has been modified to be a
tracker. Does anyone have a pinout for the Tripmate DB9 to Kenwood GPS plug?

Has anyone interfaced any of the OEM type boards with the Kenwood that I
could mount in the trunk with the radio?

Dennis, N2LBT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Garmin III+ To D700A Connection lost

From: "Steven K. Ng" <skng@iex.net>
Date: Mon, 10 Jan 2000 16:46:46 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59637-2000.01.10-19.04.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

During a cross country trip last week, I had a Garmin III+ and
TM-D700A configured to beacon positions every 10 mintues. This
worked for several hours. During the trip, the D700 stopped
beaconing becaused seemed as if it wasn't receiving NEMA sentences
from the Garmin III+. If I connect the GPS cable to a TM-D7A, I am
able to read valid positions on the D7A. If I replace the Garmin
III+ with an old Trimble Scoutmaster, I read valid positions on both
the D700 and the D7A.

The same cables were used in all of these combinations.

I also attempted a partial (VFO) reset of the D700A.

I went through all the gyrations of insuring that the D700 was set up
to receive NEMA sentences (not NEMA96), and that the D700 was in APRS
mode. Is there anything else I need to do to make this work?
Afterall, it was working for a little while.

I upgraded the Garmin III+ software to 2.03 this morning. No joy.
How do I completely reset the Garmin III+ start from scratch? I
wonder if that will help.

I disdain problems like this, because they defy obvious
explanination. I hope it is something simple I have forgotten.

Steven
--
Steven Ng | If we bring a little joy into your hum drum lives, it
N6IQA | makes us feel as though our hard work ain't been in vain
skng@iex.net | for nothing -- Leena Lamont, Singin' in the Rain

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] Keyboard for D700

From: "Tate Jackson" <tatejackson@mindspring.com>
Date: Mon, 10 Jan 2000 21:8:7
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-59670-2000.01.10-21.24.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Programming and Customizing the PIC Microcontroller"

Written by Predko ISBN 0-07-913646-X

Page 274

Prog40 Describes a qwerty keyboard interface that uses a PIC.

The code is included on the disk that comes with the book .

I found it a Border's, but Amazon.com sells it for a few dollars less.

73s

Tate
N3BXZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Re: Keyboard for D700

From: "Steven J Adams" <adamss@datasys.net>
Date: Mon, 10 Jan 2000 21:39:13
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59674-2000.01.10-21.55.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I too have been thinking about the remote keyboard idea for the D700/D7.

On the D7 you can't enter the computer control mode if APRS or the TNC are
turned on. I don't know if this is true for the D700 (hope to get mine
next
month). I believe this means you can't enter a message without jumping out
of APRS mode, entering the message, and the jumping back to APRS mode and
waiting for the TNC to initialize.

I think we need to find another way. Maybe through the GPS???

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Re: Keyboard for D700

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Tue, 11 Jan 2000 01:59:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59724-2000.01.11-02.17.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> On the D7 you can't enter the computer control mode if APRS or the TNC are
> turned on. I don't know if this is true for the D700

You can use the computer control mode on the D700 in APRS mode or with the
TNC off. That way you can enter

AMSG 00,CALLSIGN,Message text here

while in APRS mode from the serial port. I have had problems using this
method if the MSG list is full in the radio, so clear *some* old messages to
make room for a new one if you try this method.

> I think we need to find another way. Maybe through the GPS???

Right now this is the most promising method. See
http://home.netcom.com/~jimgill for my D700 page - I will have more commands
listed "soon".

Jim N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] TM-D700A/WinAPRS

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Tue, 11 Jan 2000 07:48:42 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59746-2000.01.11-08.04.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark...

An idea... would it be possible to add a simple TM-D700A client into WinAPRS? You would continue to use the D700 in APRS mode, and would use WinAPRS only to plot received stations on the map and simple message entry/reception, not in full TNC mode. I'd like to be able to continue to monitor stations and APRS data on the radio display head, but occasionally check the map on the laptop for stations while mobile.

When the radio is in APRS mode, it still can be controlled and monitored from the serial port. So could you possibly build in simple algorithms to decode the callsign/position fields in the Station List that the radio spits out when it receives a packet? This data would cause a station to be plotted on the WinAPRS map. This wouldn't be a replacement for running the radio in TNC mode, but would be another option to use to augment the radio features.

Also, possibly there could be a simple message entry and viewing dialog utilizing the

AMSG 00,CALLSIGN,message text here

format of speaking to the radio.

If you really wanted to get exciting, you could build in ultra-simple memory management and other ideas. Granted, it wouldn't be a full-blown control program, just something quick and easy to deal with entering and managing some of the settings that are tedious to do from the mic/display. Since WinAPRS already has the capability to communicate over the serial port, maybe a few added algorithms in the program might be easy to add??

I'll help with the research on data fields, etc.

Just dreaming. Bob - APRSdos? Mike - PocketAPRS (if room)?

Jim N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] Re: TM-D700A/WinAPRS

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 11 Jan 2000 09:23:04 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-59748-2000.01.11-08.39.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 11 Jan 2000, Jim Gill wrote:

> An idea... would it be possible to add a simple TM-D700A client into
> WinAPRS? You would continue to use the D700 in APRS mode, and would use
> WinAPRS only to plot received stations on the map and simple message
> entry/reception, not in full TNC mode.
> <snip>
> Just dreaming. Bob - APRSdos? Mike - PocketAPRS (if room)?

Yes, recent versions of APRSdos already does this. Just plug APRSdos into the GPS port, and it will act like a GPS an plot the incoming POSITS (converted to waypoints by the THD7 or TMD700.

But supposidly, on the TMD700, with monitor on, the packets come out the PC port. On this radio, just plug in APRSdos to the serial port and it should operate normally while the radio is in APRS mode (you can only XMIT from the radio, not APRSdos in this case)...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

179. [htaprs] Re: TM-D700A/WinAPRS

From: Jon Ogden <jono@enteract.com>
Date: Tue, 11 Jan 2000 09:14:51 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59751-2000.01.11-09.29.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/11/00 07:48, Jim Gill at jimgill@ix.netcom.com wrote:

> An idea... would it be possible to add a simple TM-D700A client into
> WinAPRS? You would continue to use the D700 in APRS mode, and would use
> WinAPRS only to plot received stations on the map and simple message
> entry/reception, not in full TNC mode. I'd like to be able to continue to
> monitor stations and APRS data on the radio display head, but occasionally
> check the map on the laptop for stations while mobile.

OH, THIS WOULD BE PERFECT!!!!

Make sure it gets added to MacAPRS as well.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] Re: TM-D700A/WinAPRS

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Tue, 11 Jan 2000 09:13:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-59752-2000.01.11-09.30.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > An idea... would it be possible to add a simple TM-D700A client into...

----- Original Message -----
From: "Bob Bruninga" <bruninga@nadn.navy.mil>
> Just plug APRSdos into
> the GPS port, and it will act like a GPS an plot the incoming POSITS
> (converted to waypoints by the THD7 or TMD700.

I hadn't thought of that, will try it with WinAPRS.

> But supposidly, on the TMD700, with monitor on, the packets come out the
> PC port.

Yes, in APRS mode the radio does send out data out the 9-pin serial port,
while it continues to send WPT information out to the GPS port. However,
the serial data is in Kenwood's and does not conform AFAIK to standard APRS
protocols.

> On this radio, just plug in APRSdos to the serial port and it
> should operate normally while the radio is in APRS mode (you can only
> XMIT from the radio, not APRSdos in this case)...

Unless you've modified APRSdos to read the Station List record format, I
don't see it working that way. I don't have VK2TDS's THD7 protocol page or
my page in front of me at the moment so you can see the format of the record

and the fields, but I can send you a capture of the data coming out the port
if you want.

Jim Gill
N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] Re: TM-D700A/WinAPRS

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Tue, 11 Jan 2000 10:33:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59756-2000.01.11-09.48.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I must admit, that option does excite me as well. One of the biggest things
I've noticed about the D700 is that you hop into the car, and immediately
you are APRSing. Although I love MacAPRS, there was a start up time which
made it difficult to use on a every trip basis. PocktAPRS cut down on this
time significantly. The D700 eliminated it. But I miss the friendly
interface of PocketAPRS, or MacAPRS for playing around or checking stations.

I really wish I paid closer attention in programming class in college.

Dennis, N2LBT

>
> on 1/11/00 07:48, Jim Gill at jimgill@ix.netcom.com wrote:
>
>> An idea... would it be possible to add a simple TM-D700A client into
>> WinAPRS? You would continue to use the D700 in APRS mode, and would use
>> WinAPRS only to plot received stations on the map and simple message
>> entry/reception, not in full TNC mode. I'd like to be able to continue to
>> monitor stations and APRS data on the radio display head, but occasionally
>> check the map on the laptop for stations while mobile.
>
> OH, THIS WOULD BE PERFECT!!!!
>
> Make sure it gets added to MacAPRS as well.
>
> 73,
>
> Jon
> KE9NA
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: THD700 and GPS differential receiver.

From: Duncan Smith <dds@flavors.com>
Date: Tue, 11 Jan 2000 15:36:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59822-2000.01.11-14.52.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

<Corrections welcome. -d>
A USCG DGPS Beacon receiver is required in order to receive the 283.5~
325.0 kHz MSK corrections broadcast by the USCG. The TAPR DGPS Beacon
board interfaced to a Motorola Oncore VP GPS can be used to set up a
standalone DGPS Beacon at a previously surveyed site. (The Oncore has a
built in site survey.) Unfortunately the VP Oncore is no longer available.

As previously mentioned, the USCG LF DGPS Beacons use MSK at 50, 100, or
200 bps (is 50 still used?). The output of a TAPR Beacon could use higher
speed packet, or even APRS. The APRS protocol has provisions for this
through the generic APRS Callsigns "DGPS" and "RTCM", though I don't know
the details.

Presumably a receiver like the THD700 could pass the data from these
packets to the RTCM SC104 input of an attached GPS to get a corrected
position.

I am planning to set up such a beacon in southern NH.

KB1END -Duncan

>On 7 Jan 00, at 19:35, Phil Petsonk n6mly wrote:
>
>> ... The DGPS receiver
>> decodes this and the output is fed directly into the GPS (which must
>> be DGPS ready) and the GPS then applies the corrections internally,
>> giving you the correct position. You must have both, a DGPS receiver
>> and a GPS.
...
>> There is a DGPS decoder board available from TAPR but I think it is
>> only for one specific unit. (Check it out on the TAPR site).
...
>> ----- Original Message -----
>> From: Hazen, Dwight L <hazen@indiana.edu>
...
>>
>> After doing a little looking around on the web it seems the frequency
>> for DGPS that the USCG uses is Frequency Range: 283.5~ 325.0 kHz So
>> the D700 might have a hard time with that. Still the question is will
>> the D700 work as a dgps receiver if it can receive the correct
>> frequency and decode the data? I know that commercial services offer
>> dgps using sub-carriers on commercial FM transmitters.
>>   Dwight
...
>> > From: Jon Anhold [SMTP:jon@snoopy.net]
...
>> >
>> > Yes, it is my understanding that if you split data TX/RX on vhf/uhf,
>> > you can transmit your position on VHF and recieve DGPS on UHF.
>> >
>> > -j
>> >
>> > Previously, Erich Berman (erich@berman.org) said:
>> > > This message was sent to the group yesterday. I haven't seen a
>> > > public response. I'm very curious to read an answer to this
>> > > question.
>> > > Does the D700 really serve as a DGPS receiver?
>> > >
>> > > I'm very intereseted in this radio and plan to purchase one soon.
>> > > However, "version one-point-oh" blues has gotten me more than
>> > > once. I'm waiting on this purchase until all unfound issues have
>> > > been found out. In the meantime, it sure would be usefull if
>> > > Kenwood would publish a .pdf version of the doc.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] Re: THD700 and GPS differential receiver.

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 11 Jan 2000 14:56:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59826-2000.01.11-15.12.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If RTCM DGPS data from say the TAPR DGPSIB kit is being sent on
2m or 70cm your THD700 can receive it. The question is will the TNC in the
radio pass that data to the GPS.

The Garmin GPS units have a problem with the header data that comes before the RTCM
DGPS correction data. The Garmin units need the header data and RTCM to be on a different line. This is
not a problem with other GPS units that do a better parsing job.

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] Re: Which Palm Pilot for PalmAPRS?

From: Dennis Hudson <dennis@zone5.com>
Date: Wed, 12 Jan 2000 10:20:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59968-2000.01.12-09.38.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You will obviously get a lot of (different) responses to this question. I
run a Palm IIIx because of the following

The Palm IIIx is in the $220 range at the moment. It sports the new display,
has 4 megs built in, and has an expansion slot internally(more memory(more
maps!)), and will support future operating systems. I'd say that's the buy
right now for a Palm APRS person.

http://www.palm.com/products/family.html

This is a matrix for comparison of the "3Com" Palms

There is also the PocketAPRS authors opinion on the matter at

http://www.pocketaprs.com

good luck,

Dennis, N2LBT

> From: "Hufford, Kent V Mr IMCEN/ADSYSTECH" <Kent.Hufford@HQDA.Army.Mil>
> Date: Wed, 12 Jan 2000 07:37:19 -0500
> To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
> Subject: [aprssig] Which Palm Pilot for PalmAPRS?
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Re: Palm PIlot APRS Client

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Wed, 12 Jan 2000 10:26:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59971-2000.01.12-09.44.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.pocketaprs.com

If you want to emulate it on a mac/win machine, (i do this often for playing
and testing maps in the office/house)

http://users.aol.com/illumesoft/illume.html

If you need a ROM file I can send you one. Then you can make your own screen
shots with local traffic, or make up traffic.

Dennis, N2LBT

> Good morning.
> I'm looking for some palm pilot aprs clients.
> Any sugestion of some webpage that have some screenshots?
> Thanks.
>
> Alex
> PT2VHF
> BRAZIL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] Re: Tripmate with D700?

From: "Chris Arndt" <carndt@slonet.org>
Date: Wed, 12 Jan 2000 9:55:57
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-59984-2000.01.12-10.12.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just did this Tuesday. Data pin 2 of the Tripmate to the ring (red wire)
of the Kenwood connector. Ground pin 5 Tripmate to the sleeve (shield). Tip
(white)unconnected.

After one night of experimentation, the downside seems to be, even though I
left the Tripmate powered from the truck all night (it only draws about 70
ma), it lost the satellites while parked in the garage, and took a long
time to reacquire them this morning. (Longer than my 7 minute commute.)

I had hoped that leaving it powered up it would reacquire right away.

Chris KD6DSI

On 01/10/00, ""Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>" wrote:
> Has anyone done this yet? I have a Tripmate that has been modified to be a
> tracker. Does anyone have a pinout for the Tripmate DB9 to Kenwood GPS plug?
>
> Has anyone interfaced any of the OEM type boards with the Kenwood that I
> could mount in the trunk with the radio?
>
> Dennis, N2LBT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] Re: Tripmate with D700?

From: Douglas Woodruff <w4law@mindspring.com>
Date: Wed, 12 Jan 2000 11:15:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-59988-2000.01.12-10.38.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have found that it actually works been better if you power it down prior to
losing lock and then power it back up after pulling out of the garage in the
morning.

Doug, W4LAW

Chris Arndt wrote:

> After one night of experimentation, the downside seems to be, even though I
> left the Tripmate powered from the truck all night (it only draws about 70
> ma), it lost the satellites while parked in the garage, and took a long
> time to reacquire them this morning. (Longer than my 7 minute commute.)
>
> I had hoped that leaving it powered up it would reacquire right away.
>
> Chris KD6DSI
>
> On 01/10/00, ""Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>" wrote:
> > Has anyone done this yet? I have a Tripmate that has been modified to be a
> > tracker. Does anyone have a pinout for the Tripmate DB9 to Kenwood GPS plug?
> >
> > Has anyone interfaced any of the OEM type boards with the Kenwood that I
> > could mount in the trunk with the radio?
> >
> > Dennis, N2LBT
>
> ---
> You are currently subscribed to htaprs as: W4LAW@MINDSPRING.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] Re: Tripmate with D700?

From: "Chris Arndt" <carndt@slonet.org>
Date: Wed, 12 Jan 2000 11:9:59
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60001-2000.01.12-11.26.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looks like you are right. I just powered it down and back up and had GPS
data going to the 700 in about 2 minutes. I didn't think the Tripmate could
hold its last position like it appears to.

Thanks!

Chris KD6DSI

On 01/12/00, "Douglas Woodruff <w4law@mindspring.com>" wrote:
> I have found that it actually works been better if you power it down prior to
> losing lock and then power it back up after pulling out of the garage in the
> morning.
>
> Doug, W4LAW
>
> Chris Arndt wrote:
>
> > After one night of experimentation, the downside seems to be, even though I
> > left the Tripmate powered from the truck all night (it only draws about 70
> > ma), it lost the satellites while parked in the garage, and took a long
> > time to reacquire them this morning. (Longer than my 7 minute commute.)
> >
> > I had hoped that leaving it powered up it would reacquire right away.
> >
> > Chris KD6DSI
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

189. [htaprs] Re: 90 degree connecters

From: Robert Donnell <kd7nm@ricochet.net>
Date: Wed, 12 Jan 2000 10:45:57 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60015-2000.01.12-13.03.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

I'm not aware of the existance of a manufactured right-angle product, but
I'm planning to solder up my own, using a right-angle PCB-mount connetor
(male, for purpose of explanation), and a standard solder-cup connector
(female, again for explanation). This should result in an adapter with the
90-degree bend along the long dimension. The pins on these should line up
(or be close enough) to allow fabricating your own. I found the connectors
at a Portland, OR retailer for less than $1.50 each.

This is so I can vertically mount a KPC3+ into a military 50-cal ammo box.
The TNC is tall enough this way that there is not much room below it for a
conventional db-25 connector and cover shell. Even a DB-9 shell has to be
cut down - and a brainstorm at the store suggested this technique. I'm
planning to do both a 9-pin and 25-pin of each. I'm sure that other places
(digikey, etc.) have the same style connectors - but I had the idea while
looking at connectors hanging on pegs, and couldn't let the idea get away!

Hope that idea helps someone!

73, Bob

At 07:23 AM 1/10/00 EST, you wrote:
>In a message dated 1/9/00 11:09:12 PM US Mountain Standard Time,
>fire_rescue_ems1@netzero.net writes:
>
><< the info I requested on the connectors >>
>
>Did I miss a tread here? I am looking for a 90 degree serial adapter for my
>laptop. Does anyone know if there are 90 degree mouse port adapters ?
>73-ron-kd5hty
>
>---
>You are currently subscribed to htaprs as: kd7nm@ricochet.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

Bob Donnell, KD7NM kd7nm@ricochet.net
Western Washington Amateur IP Address Coordinator (425) 775-3651
http://wetnet.wa.com/~kd7nm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] 2.5 mm Jack for GPS input

From: "James Kalkowski" <toast@portone.com>
Date: Wed, 12 Jan 2000 14:58:49
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60061-2000.01.12-15.15.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last week, I posted a message about the unavailability of the 2.5 mm jacks locally and I planned on ordering several if there was enough interest. These are the jacks used with the TM-D7A and TM-D700A for the GPS input (and I think for a PC interface on the TM-D7A). I got plenty of email regarding these and I did place and order that I received today so here's the deal. I ordered 2 types of jacks. The 1st is a 2.5 mm jack with a 90 degree plug and 6 feet of wire. The second is simply a solder on type with no wire attached. I placed the order with www.mouser.com and the part numbers for each are:

Jack with 6 feet of cable 172-2010
Solder on jack with no cable 171-3305

If you have any questions or doubts as to what these jacks look like, please go to there site and view the Adobe documents for these part numbers. There are very nice drawings as well as measurements and detailed specifications.

If anyone is interested in either of these, please send me an email and in the subject put GPS JACK. The cost for the jack with the attached six foot cable is $5.00 and the cost for the solder on jack is $3.50, shipping included. Send me your mailing address and callsign and I will send them out right away on an "honor system". I will include my address in the package.

Jim
N1GTL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] Need a good source of SMA Connectors

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Wed, 12 Jan 2000 15:06:11 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60078-2000.01.12-16.50.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need a good source of SMA connector for SMA to BNC, SMA for RG-58AU and the like. I would like it to be in Colorado but can order out of state if need be. Any information can be mailed to me direct or to the lists.

Peter

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] D700 commands (followup)

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 12 Jan 2000 21:24:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60126-2000.01.12-21.40.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am still diligently working on expanded information about the D700 commands, but here is a little teaser until I can get more done. First off, you don't have to enter AI 1 to *control* the radio... you can type commands to the radio while in AI 0 mode and it will echo back responses to what you

typed (at least for vaild commands). AI 1 turns on the *output* of data
over the serial port... allowing you to watch all kinds of commands and data
zip by as you operate the radio. This works in APRS mode or with TNC off...
packet mode doesn't support these commands.

A sampling of APRS data spit out as each station comes in and is put in the
Station List:

LIST 01,AJ0A,0112,2020,6,4109150,09603581,/,_, ,,------,Papillion, NE -
aj0a@radiks.,5260--------
LIST 01,K0BOY-1,0112,2021,4,4114350,09558271,/,#,H,,------,A=1372/W-R Trace
Digi-Omaha,,5360--------
LIST 01,KB0BWG,0112,2021,6,4114320,09623501,/,_,
,,------,p000P000h57b10240wRSW,325010029000
LIST 01,N0QEI,0112,2017,7,4111510,09557671,\,n,8,,------, EN21ae Joel
Omaha,NE,000000------
LIST 01,W0NWS,0112,2019,4,4119200,09621951,/,_, ,,------,WinAPRS
2.4.1 -NEDOUVALLEY ,7260--------

BUF 0 shows the channel information for the currently selected band and
channel
BUF 0,00146940000,0,2,0,0,0,0,09,0010,09,000600000,0

MC 0,001
Memory change... change to memory 001 on the left (0) band
MC 1,015
Memory change... change to memory 015 on the right (1) band

MNA
Memory name... type the following to name memory 001 as APRS:
MNA 0,001,APRS
etc
etc

DL 0   turns on single band only for the currently selected band
DL 1   turns both bands back on

BC   Band Change
BC 0,0   left band PTT
BC 0,1   left band ctrl, right band PTT
BC 1,0   left band PTT, right band ctrl
BC 1,1   right band PTT

Lots more, but this will whet your appetite until I do more. No word from
Mark about adding D700 decode to WinAPRS... I would think it would be easy
to add, as you could have a "seperate mode" to switch into that would accept
data from the D700 on a serial port, and parse the data from the LIST fields
as it comes in from the port.

More later,

Jim Gill N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] D700 messages over serial port

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 12 Jan 2000 22:35:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-60142-2000.01.12-22.51.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob and others,

The command

AMSG 00,CALLSIGN,TEXT

allows you to enter a message into the D700 memory over the serial port for
queuing and sending. Problem is, *most* of the time (still researching to
see exactly under what circumstances) when you enter the message in this
way, the message will not send on its own - it will just sit in the memory
list as an outgoing message with (5) message sends remaining. Using the
control head, if you select the message in the list, cancel it, then RE-TX

it, then it will send. Or select TRANSMIT from the MSG menu, it will send that way also (this sends any messages that are still queued that have not expired or been acked).

Again, however, this is the behavior of the radio *most* of the time. Occasionally, you can enter a message using the above method, and the radio will queue it and transmit it right away. However, I have found that if the MSG list is *full*, at no time could I get the above message entry method to work... you had to manually DEL messages from the MSG list to make room for another message, then you could try again.

Another odd thing is that after entering a message through the serial port, and watching it sit there with (5) sends remaining and it won't send on its own, it will mysteriously send on its own only after a *long* time has passed (like maybe 20 minutes or so). There doesn't seem to be any rhyme or reason as to why it finally sends on its own without intervention - it's not simply hearing the target station then deciding to send like some aprs versions do - there's no obvious reason or time amount.

If anyone else plays with this capability, let me know your outcome. I want to see what you have to do to make the message send by itself without intervention after you have entered it over the port.

Jim Gill   N0RMO
Omaha NE
jimgill@ix.netcom.com
http://home.netcom.com/~jimgill

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] Annoying D700 features - KENWOOD PLEASE READ!

From: Jon Ogden <jono@enteract.com>
Date: Wed, 12 Jan 2000 22:38:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60144-2000.01.12-22.53.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK,

It's time for an annoying list of D700 features or lack thereof:

1.) Not being able to put UHF in band A and VHF in band B at the same time. You can run VHF/UHF, VHF/VHF, UHF/UHF, but NOT UHF/VHF. This is annoying because I would like to monitor aircraft frequencies AND my VHF/UHF repeater memories. The B band VFO only covers down to 137 MHz. So in order to monitor aircraft, you need to operate on the A band. OK, so the A band will cover 118 MHz band, 2m, and 440. Fine. But again when on band A, you can't monitor UHF if band B is on VHF. I want band B to be on VHF so I can listen to aircraft frequencies and operate on APRS at the same time.

Kenwood, I know you read this list. This was really stupid. I don't know why both receivers don't cover 118 MHz to 1.2 GHz. It's so confusing: let's see if I want to monitor such and such a frequency which band do I have to be on? Oh, gee, but then I can't do this on another frequency. Sheesh for a radio that costs nearly $700 you'd think they could make both bands with ultra wide receive.

2.) Wish the mic keypad had the same functionality for the keys as the TH-D7A. It would be nice to press the number "2" to turn the TNC on or off instead of having to press F for one second and then press TNC. Then to turn it off, you have to press F for one second and press TNC again. OOPS! Now it's in packet mode. SOOOOO.....press F for yet another 1 second interval and now you can turn off the TNC all together. DUMB!

3.) Re-arrangement of the function keys on the bottom of the display. There is no way to have the APRS keys be the second set of keys (press F less than one second) and the standard first function key display to still be first. Sure there are three different function key orders that you can have. But that does not cover all the different combinations of arrangements that you may want. Another dumb move.

It's also frustrating to put all the APRS function buttons on the first screen, yet your TNC control is still in the "press F for one second" screen.

4.) Cannot use the VISUAL band scan when the TNC is turned on. Have no idea

why, but you can't do it! The radio just beeps at you!

5.) All beeps are the same tone. My Yaesu FT-7400 has different beep tones for each different key. It's much less annoying that way.

6.) Can't transmit on both bands at the same time.

7.) No true carrier detect in the TNC

8.) Transmitting APRS on 2m packet interrupts UHF reception. Yet UHF transmission doesn't interrupt 2m reception. Go figure.

9.) TNC still requires S-meter to be full scale or nearly so in order to decode packet. Much like the most annoying feature of the TH-D7A.

10.) When trying to name a memory channel you have to first go into memory mode then step through all the menus to name the channel. You have to go through this with every memory channel you want to name. Can't just name them all together from a menu. Individual naming could be done easier too.

11.) You can't have the radio displaying your GPS postion (which is a TOTALLY cool display) and talk on the radio at the same time. I'm not even sure it will send APRS beacons.

12.) Not sure what value remotely controlling the radio is (via a TH-D7A or other radio). I thought that it would be useful in that you could turn the crossband repeater function on or off. Well you can turn it on remotely and you are supposed to be able to shut it off remotely as well. But shutting off remotely doesn't work. It just crossbands your DTMF tones!

13.) Having only 5 PM (Parameter Memory) slots.

OK, now I think that covers all the little quirks so far. Don't get me wrong. It's a totally cool radio and it has some really neat features like being able to control a LOT of the radio's functions from the microphone keypad. Or having the "PM" memories to store different sets of operation parameters. I am still glad I bought the radio. It's just got these quirks.

Perhaps Kenwood can fix some of them (as a lot of these are firmware related) and give us a free firmware upgrade. As to the operation of the VCO's and bands, I have no idea there. Guess that would likely require hardware change.

Oh well....what else has anyone found?

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 12 Jan 2000 23:13:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60148-2000.01.12-23.29.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> You can run VHF/UHF, VHF/VHF, UHF/UHF, but NOT UHF/VHF.

I can put aircraft (commercial or military) on band A, and VHF or UHF ham or wideband on band B. You can program all of your memories in any combination of frequencies, and switch to VHF or UHF ham freqs in band B while on aircraft in band A. Also if you want to monitor VHF aircraft on A and do APRS on B, just switch the data band to B. I'm not sure if I'm

misunderstanding your intentions, so correct me if necessary. Just hit [F] [Band select] while in VFO mode on either side to rotate through the available VFO bands on each side... then store that in a memory. I'm using a wide combination of different freqs in both sides, including monitoring 224.94 on left side while doing APRS with data band B on the right, lots of options available.

> I don't know
> why both receivers don't cover 118 MHz to 1.2 GHz. It's so confusing

It is kind of annoying to have to be in the right VFO for the right range, etc. But I have found this radio is horribly noisy in the typical intermod alleys so I guess there is the tradeoff.

> 2.) Wish the mic keypad had the same functionality for the keys as the
> TH-D7A. It would be nice to press the number "2" to turn the TNC on or off

Program one of the four PF keys to the TNC function. See page 62 in the main manual. There are 36 different radio options that can be independently assigned to each of the four keys.

> 3.) Re-arrangement of the function keys on the bottom of the display. There
> is no way to have the APRS keys be the second set of keys (press F less than

Well, I have my APRS keys first, guess they just missed having the few extra options to get the keys in the order you want. APRS buttons up front work well enough for me most of the time. Other option: set the KEY FUNC option to the Best possible option; then use PF keys to cover the last few items you need single click on.

> 4.) Cannot use the VISUAL band scan when the TNC is turned on. Have no idea
> why, but you can't do it! The radio just beeps at you!

Hmm, haven't played with that much yet, still playing with control over serial port!!

> 8.) Transmitting APRS on 2m packet interrupts UHF reception. Yet UHF
> transmission doesn't interrupt 2m reception. Go figure.

Interesting... hadn't noticed.

> 9.) TNC still requires S-meter to be full scale or nearly so in order to
> decode packet. Much like the most annoying feature of the TH-D7A.

Doing mostly pretty well here with a Diamond dual-band gain antenna, but it is annoying to be on a fringe area and be able to "hear" the packet but it won't decode. But I had that with my KPC3+ also; I guess it would be worse at 9600.

> 10.) When trying to name a memory channel you have to first go into memory
> mode then step through all the menus to name the channel. You have to go
> through this with every memory channel you want to name. Can't just name
> them all together from a menu. Individual naming could be done easier too.

Just do it from the serial port. Hook the radio to your computer, fire up terminal.exe or hyperterminal, then type

```
MNA 0,001,APRS
MNA 0,002,W0XXX
MNA 0,003,N0XYZ
```

etc

where 001 002 003 is your memory number. Works like a champ. Lickety split.

> 11.) You can't have the radio displaying your GPS postion (which is a
> TOTALLY cool display) and talk on the radio at the same time. I'm not even
> sure it will send APRS beacons.

Yes, it will send beacons but if you key up to talk it erases the display before you actually key up. Hmm. Just like the D7 where you had to press a key to clear the screen of any non-frequency display.

> 12.) Not sure what value remotely controlling the radio is (via a TH-D7A
or
> other radio).

I played with this a little bit, didn't spend a whole lot of time with it.
Mostly will probably use for crossband repeat, etc., but will research this
and put some info on my page when I get time.

> 13.) Having only 5 PM (Parameter Memory) slots.

Yeah, the PM is the *most* useful new feature in the series. If they had 5,
maybe they could have done 10. But I dunno what the memory (Kb)
availability in this thing is... at least it does good with serial port
control, so as soon as software comes out, that may help a lot in turning
this radio into a True "Sybill" (old movie reference).

> It's a totally cool radio and it has some really neat features like
> being able to control a LOT of the radio's functions from the microphone
> keypad.

Don't forget the serial port at 9600-n-8-1 with *ANY* ascii capable terminal
or handheld!!!!!

> Oh well....what else has anyone found?

See http://home.netcom.com/~jimgill and I am adding more when I get time,
probably won't have more until late in the weekend.

73
Jim N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] Re: 2.5 mm Jack for GPS input

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 13 Jan 2000 00:25:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60149-2000.01.12-23.40.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim -

Thanks for providing such a convenient service to the TH-D7-carrying
amateur radio community.

It's funny, we tend to be such a tightwad bunch that while we might be
willing to pay $10 for this cable at a hamfest, we can't stand to pay $3
for the cable plus $7 S&H! to get it mailorder! Yet we'll drive all over
town trying to find one locally for $5 and spend a whole afternoon plus
$10 in gas (and don't forget $5 at MacDonald's) trying!

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 12 Jan 2000 23:30:08 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60152-2000.01.12-23.46.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > 4.) Cannot use the VISUAL band scan when the TNC is turned on. Have no
> idea
> > why, but you can't do it! The radio just beeps at you!

My beef with this is that you can't listen while you are VISUAL scanning...
I think it would be useful to be able to tune to a bar you see full scale,
and have the radio STOP at that frequency and play it, then resuming the

VISUAL after the squelch closes. Perhaps I'm not understanding the design
of how this feature works anyways.

Jim

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Jon Ogden <jono@enteract.com>
Date: Wed, 12 Jan 2000 23:58:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60167-2000.01.13-00.13.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/12/00 11:13 PM, Jim Gill at jimgill@ix.netcom.com wrote:

>> You can run VHF/UHF, VHF/VHF, UHF/UHF, but NOT UHF/VHF.
>
> I can put aircraft (commercial or military) on band A, and VHF or UHF ham or
> wideband on band B. You can program all of your memories in any combination
> of frequencies, and switch to VHF or UHF ham freqs in band B while on
> aircraft in band A. Also if you want to monitor VHF aircraft on A and do
> APRS on B, just switch the data band to B. I'm not sure if I'm
> misunderstanding your intentions, so correct me if necessary. Just hit [F]
> [Band select] while in VFO mode on either side to rotate through the
> available VFO bands on each side... then store that in a memory. I'm using
> a wide combination of different freqs in both sides, including monitoring
> 224.94 on left side while doing APRS with data band B on the right, lots of
> options available.

The problem is that if you want to run APRS and scan through all your
aircraft and ham memories you CAN'T do that! You can only receive aircraft
on band A. Right now APRS is only on VHF. Sooo....your data band would
need to be band B in order to receive air band on band A and still send
APRS. But then you can't receive UHF frequencies. I mainly use a UHF
repeater.

You cannot do UHF/VHF. The manual even says it.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

199. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Jon Ogden <jono@enteract.com>
Date: Wed, 12 Jan 2000 23:59:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60168-2000.01.13-00.14.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/12/00 11:30 PM, Jim Gill at jimgill@ix.netcom.com wrote:

>>> 4.) Cannot use the VISUAL band scan when the TNC is turned on. Have no
>> idea
>>> why, but you can't do it! The radio just beeps at you!
>
> My beef with this is that you can't listen while you are VISUAL scanning...
> I think it would be useful to be able to tune to a bar you see full scale,
> and have the radio STOP at that frequency and play it, then resuming the

> VISUAL after the squelch closes. Perhaps I'm not understanding the design
> of how this feature works anyways.

Good point. It just looks kinda pretty on the display!

Hey, have you tried REVERSING the display? It looks REALLY cool and is much
easier on the eyes at night.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 13 Jan 2000 01:31:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60196-2000.01.13-00.46.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon -

I have the same frustration with a TM-V7 and a TH-D7. They seem almost
as if they are arbitrary restrictions, though there may be some sense to
it. First of all, no manufacturer can make a wide-band receiver in this
size factor without sacrificing selectivity and intermod rejection. I
find this true of the receivers in both of the above radios.

DC to Daylight coverage is neat, but anyone that owns a Yaesu VX-1 or
VX-5, or the IC-T8 will tell you that with the wide range you get lots
of unwanted stuff you're not even tuned to. When I'm in crowded urban
downtown areas, my receiver regularly squawks with combined pager,
cellular, and dispatch radio transmissions. That's what you get for
under a $1,000 in a two-way transceiver. Of course, you won't hear a
Moto rig do that in a police cruiser, but those radios go for $2000 and
up (and they still don't do DC-Daylight).

My guess is that Kenwood is delivering the best balance of RF
performance and software flexibility that they can, and that's what
works in their case. It's a judgement call, but as a comparison, I hear
lots of Yaesu FT-8100 owners who hate the intermod rejection (or lack
thereof) but the receivers go 50-1300MHz on either side.

You won't hear me take Kenwood's side very often. I have a whole litany
of complaints about the TM-V7, but that's for another reflector... :-)
In this case though, I have to assume they have made the software as
competitive as possible. After all, that's the easy part of the radio to
tweak! It's the RF parts that are so hard to design.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 13 Jan 2000 08:59:11 -0500 (EST)

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60235-2000.01.13-08.20.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 12 Jan 2000, Jon Ogden wrote:

> The problem is that if you want to run APRS and scan through all your
> aircraft and ham memories you CAN'T do that! You can only receive aircraft
> on band A. Right now APRS is only on VHF. Sooo....your data band would
> need to be band B in order to receive air band on band A and still send
> APRS. But then you can't receive UHF frequencies. I mainly use a UHF
> repeater.
>
> You cannot do UHF/VHF. The manual even says it.

Sounds like you are demanding that it operate VHF/VHF/UHF
simultaneously... THe radio only has 2 sets of hardware...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Jon Ogden <jono@enteract.com>
Date: Thu, 13 Jan 2000 09:05:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60256-2000.01.13-09.19.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/13/00 00:31, Edward A. Behl at ed@eabehl.com wrote:

> Of course, you won't hear a
> Moto rig do that in a police cruiser, but those radios go for $2000 and
> up (and they still don't do DC-Daylight).

Yeah, I know. I sell them some of their receiver mixers. You wouldn't
believe the specs!
>
> My guess is that Kenwood is delivering the best balance of RF
> performance and software flexibility that they can, and that's what
> works in their case. It's a judgement call, but as a comparison, I hear
> lots of Yaesu FT-8100 owners who hate the intermod rejection (or lack
> thereof) but the receivers go 50-1300MHz on either side.

It's a very good point. You're right. Having to use different VFOs for
different bands is not so much the rub. It's that I can't do UHF in band A
and VHF in band B. I can do that on the TH-D7A, but not on the TM-D700.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Jon Ogden <jono@enteract.com>
Date: Thu, 13 Jan 2000 09:10:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60261-2000.01.13-09.25.51--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

on 1/13/00 07:59, Bob Bruninga at bruninga@nadn.navy.mil wrote:

>> The problem is that if you want to run APRS and scan through all your
>> aircraft and ham memories you CAN'T do that! You can only receive aircraft
>> on band A. Right now APRS is only on VHF. Sooo....your data band would
>> need to be band B in order to receive air band on band A and still send
>> APRS. But then you can't receive UHF frequencies. I mainly use a UHF
>> repeater.
>>
>> You cannot do UHF/VHF. The manual even says it.
>
> Sounds like you are demanding that it operate VHF/VHF/UHF
> simultaneously... THe radio only has 2 sets of hardware...

No. Let's look at it this way:

If I am in UHF (440 MHz ham) on band B, on band A I can scan Aircraft bands,
VHF ham and UHF ham. In other words, it will operate in Air/UHF, VHF/UHF or
UHF/UHF.

However, if I put a VHF frequency in band B, all I can monitor on Band A is
AIR/VHF or VHF/VHF. I CANNOT DO UHF/VHF. The manual even says so.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Thu, 13 Jan 2000 09:12:07 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60262-2000.01.13-09.29.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> It's that I can't do UHF in band A
> and VHF in band B. I can do that on the TH-D7A, but not on the TM-D700.

Really?!? Tell me how so I can put it on my page!

Jim N0RMO
http://home.netcom.com/~jimgill

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] re: Need a good source of SMA Connectors

From: Ralph Milnes <milnes@openix.com>
Date: Thu, 13 Jan 2000 12:01:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60272-2000.01.13-11.34.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Pete asked:

>I need a good source of SMA connector for SMA to BNC, SMA for RG-58AU and
>the like. I would like it to be in Colorado but can order out of state if
>need be. Any information can be mailed to me direct or to the lists.

I don't know if it's a good source, but I just bought some from:

RT Systems 1-800-723-6922 in AL (or 1-800-387-8570 in FL)

pg. 63 of catalog:

SMA Male to BNC Female
SMA Female to BNC Female
SMA Male to UHF Female
SMA Female to UHF Female

all $3.49

SMA Male crimp to RG-58 $2.75

Those were the only choices however.

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] re: Need a good source of SMA Connectors

From: Eric Horst <erich@cac.washington.edu>
Date: Thu, 13 Jan 2000 09:50:05 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60277-2000.01.13-12.06.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I need a good source of SMA connector for SMA to BNC, SMA for RG-58AU and
>the like. I would like it to be in Colorado but can order out of state if
>need be. Any information can be mailed to me direct or to the lists.

Yesterday I happened upon D&L Antenna Supply Co. (www.wavehunter.com).
Their website is a little confusingly organized but the product list is at
www.wavehunter.com/list.htm. They have a selection of SMA antennas, SMA
adapters but most interesting to me was "connector saver" which is a
pre-made 48" RG174 cable with SMA Male on one end and UHF Female on the
other. They advertise it for as an "extender or strain relief cable".
$9.95 + $1 shipping. Looks like the ticket for being gentle to the SMA
connect on my D7.

--Eric

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] re: Need a good source of SMA Connectors - Whoops

From: Ralph Milnes <milnes@openix.com>
Date: Thu, 13 Jan 2000 13:43:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60282-2000.01.13-13.01.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earlier I wrote that RT Systems had all of these:

pg. 63 of catalog:

SMA Male to BNC Female
SMA Female to BNC Female
SMA Male to UHF Female
SMA Female to UHF Female

I just called to order some of the SMA *Female* to BNC or UHF and was told
they no longer carry them.

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 13 Jan 2000 13:43:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60284-2000.01.13-13.11.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, Jon -

> It's that I can't do UHF in band A and VHF in band B.
> I can do that on the TH-D7A, but not on the TM-D700.

Jim already beat me to it, but I am curious how you get a D7 to do UHF on the A side. That's one of my chief complaints about the D7 is that the A side is limited to aircraft and VHF, while the B side is limited to VHF and UHF, but in VHF, won't tune to a memory channel outside the 144-148MHz ham band! It skips right past them.

Much like your complaint about the D700, it's not that you can't more-or-less get where you want to be, it's that certain combinations are impossible.

Another thing I don't like about the D7 -- if the B side can work on either VHF or UHF, and memory locations are common to both sides and bands, why do you have to "switch" the B side between VHF and UHF bands? IOW, if memory 21 is a VHF preset, and memory 22 is a UHF preset, why can't I tune from 21 to 22 without first switching the band? If I'm not switched to the right band, it skips past the all the memory locations that are in the other band.

Perhaps the band switching actually changes bandpass filter tuning or something. And again, with all due respect, these radios do an awful lot considering their size and cost. We sometimes get hung up on the things we can't do because the radios are so flexible that they lead one to believe nothing should be impossible.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] Planning to start ham swap list at onelist.com

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Thu, 13 Jan 2000 12:42:59 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60342-2000.01.13-14.44.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was going to start a ham swap list at onelist.com and wanted to have input for the list. I would all to post for their local areas and have a links page for clubs if they want. If this sounds like a good idea then let me know.

Peter

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] Re: 2.5 mm Jack for GPS input

From: "James Kalkowski" <toast@portone.com>
Date: Thu, 13 Jan 2000 21:18:46

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60379-2000.01.13-21.35.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ed,
Thanks for the nice words. What a difference from the original cable. The
wires are a lot thicker and you can actually solder them!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

211. [htaprs] TM-D700A Software

From: "Darwin Thompson" <K6USW@webtv.net>
Date: Thu, 13 Jan 2000 21:28:22
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60380-2000.01.13-21.44.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just checked the Kenwood Site and the beta version of the TM-D700A
programing software is there. I downloaded it in less than 5 minutes.
Complete directions are in the readme files. 73 Dar K6USW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

212. [htaprs] Re: [amateur_radio] Planning to start ham swap list at onelist.com

From: K8OI@aol.com
Date: Thu, 13 Jan 2000 22:32:45 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60381-2000.01.13-21.53.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

well

I am looking for 25 or more

MOT 800mHz Maxtrac type IIi   Trunking 16 pin mobile units

73 Stan Head   K8OI@aol.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

213. [htaprs] TM-D700A Software

From: "Mark Endicott" <endicott@nashville.com>
Date: Thu, 13 Jan 2000 22:19:40 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60388-2000.01.13-22.56.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the tip, I am waiting on my radio to arrive but it is nice to get
a jump on the software. Since I haven't seen the manual yet I have a
question. Can anyone tell me what programming cable is used? Is it the
same cable as the new commercial radios 8 pin (6 works too) or is it
something new?

Mark
WB0NOO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

214. [htaprs] Re: TM-D700A Software

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Thu, 13 Jan 2000 22:50:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60389-2000.01.13-23.08.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Can anyone tell me what programming cable is used?

Mark,
it uses a 9 pin serial cable. The radio side of the 9 pin is MALE so you
will likely need a female to female. Also it is NOT a null modem cable -
just straight through pin-for-pin (or you could use 9pin to a 25pin serial
port on the computer side, depends on your ports).

The default communications setup to talk to the radio is 9600,n,8,1.

I don't see anything specific for managing the seperate PMs within the
software, so I assume you would save different *.700 files for each PM you
want to save, then set the radio to PM NONE when you send a file to the
radio. When it is loaded, you can then copy the PM to the desired PM number
in the radio. Anyone have a better method than this or did I miss something
in the software?

Jim N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] My D700 page

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Thu, 13 Jan 2000 23:01:26 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60395-2000.01.13-23.19.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With the recent release of the TMD700 software by Kenwood, we now have an
easier way to deal with the tedious task of programming the many options on
this radio. Also, it makes knowledge of the specific control and
programming commands unnecessary for most users.

However, I'm sure the demand is still there for some sort of real-time
control software, although the number of users needing this information will
likely be smaller now.

NOW, the question is, who among us would like or need me to continue the
work on documenting the D700 command set so I can decide how much time I'll
need to devote to the project? If no one is going to use this info, I won't
go to the trouble to compile and post it... I'd simply just continue to use
it myself. However, I do enjoy doing this, so please speak up if you want
to see the work continue (those who've already told me their prefs -
thanks - you know who you are).

Reply by direct email if you think that is more appropriate.

Jim N0RMO
Omaha NE
jimgill@ix.netcom.com
http://home.netcom.com/~jimgill/tmd700a.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

216. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Jon Ogden <jono@enteract.com>
Date: Thu, 13 Jan 2000 23:46:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60409-2000.01.14-00.01.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/13/00 12:43 PM, Edward A. Behl at ed@eabehl.com wrote:

> Jim already beat me to it, but I am curious how you get a D7 to do UHF
> on the A side. That's one of my chief complaints about the D7 is that
> the A side is limited to aircraft and VHF, while the B side is limited
> to VHF and UHF, but in VHF, won't tune to a memory channel outside the
> 144-148MHz ham band! It skips right past them.

You're right. My mistake.

Nope, can't have UHF on the A side of the D7.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

217. [htaprs] Makeing the issue a little clearer

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Thu, 13 Jan 2000 22:49:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60410-2000.01.14-00.05.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What I am trying to do is start a list for the hamfest notification, not hamswap, my mistype generated a lot of response from all and I am sorry if you all have the idea that I was imposing on your own lists for the local area. What I was trying to do is give people the chance to be able to get the word out via email about the different swaps there are, either in their home town or if someone is traveling and wanted to check out a fest elsewhere. If this sounds like a good idea then let me know.

Sorry for the confusion and hope to hear from all of you

Peter

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

218. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: "Don Boekenkruger" <donb@direct.ca>
Date: Thu, 13 Jan 2000 22:01:13 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60412-2000.01.14-00.17.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All these complaints...

Well I'd just like to praise Kenwood for making the best dual band handheld radio I've ever owned as far as Intermod, and I've owned a lot of them over the past years.... I am guessing that in order to make the radio good as far as intermod goes they limited what the receivers/radio could do. I feel it is a great trade off if this is the case... Seems to work...

I disagree with the statement that people make when they say a DC - light radio will get more intermod than a radio that covers only 118 - 174 & 400 - 470. This all depends on design, and the sensitivity the DC-light coverage radio has outside of the "normal" bands. I've had DC-light radios that perform great and ones that perform lousy, on the other side, I've had limited coverage radios that perform lousy, and ones that perform great. The one thing that seemed to be common in the DC-Light coverage radios that perform great, is lack of sensitivity outside the "normal" spectrum. There are other factors that come into play with intermod rejection, but something to keep in mind with radios that cover DC-light.

Since I do not own a TM-D700A (yet) I am curious how people are finding them as far as intermod goes.

Don Boekenkruger, VE7CBT
donb@burnabyradio.com

----- Original Message -----
From: "Edward A. Behl" <ed@eabehl.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, January 13, 2000 10:43 AM
Subject: [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

> Hi, Jon -
>
> > It's that I can't do UHF in band A and VHF in band B.
> > I can do that on the TH-D7A, but not on the TM-D700.
>
> Jim already beat me to it, but I am curious how you get a D7 to do UHF
> on the A side. That's one of my chief complaints about the D7 is that
> the A side is limited to aircraft and VHF, while the B side is limited
> to VHF and UHF, but in VHF, won't tune to a memory channel outside the
> 144-148MHz ham band! It skips right past them.
>
> Much like your complaint about the D700, it's not that you can't
> more-or-less get where you want to be, it's that certain combinations
> are impossible.
>
> Another thing I don't like about the D7 -- if the B side can work on
> either VHF or UHF, and memory locations are common to both sides and
> bands, why do you have to "switch" the B side between VHF and UHF bands?
> IOW, if memory 21 is a VHF preset, and memory 22 is a UHF preset, why
> can't I tune from 21 to 22 without first switching the band? If I'm not
> switched to the right band, it skips past the all the memory locations
> that are in the other band.
>
> Perhaps the band switching actually changes bandpass filter tuning or
> something. And again, with all due respect, these radios do an awful lot
> considering their size and cost. We sometimes get hung up on the things
> we can't do because the radios are so flexible that they lead one to
> believe nothing should be impossible.
>
> 73
>
> --
> Edward A. Behl - KG4ALG
>
> ---
> You are currently subscribed to htaprs as: DONB@DIRECT.CA
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

219. [htaprs] Re: My D700 page

From: Alltel <kmkelly@alltel.net>
Date: Fri, 14 Jan 2000 07:27:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60431-2000.01.14-06.40.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG,

Jim, I think your data is valuble to those who use PDA's to communicate with the
D700A. Keep up up the good work.

Kevin Kelly/N6QAB

Jim Gill wrote:

> With the recent release of the TMD700 software by Kenwood,....

> NOW, the question is, who among us would like or need me to continue the
> work on documenting the D700 command set so I can decide how much time I'll
> need to devote to the project?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

220. [htaprs] D700A software - cable config needed

From: oester@us.ibm.com
Date: Fri, 14 Jan 2000 06:37:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60433-2000.01.14-06.54.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried the software for the D700 last night, but I can't get it to read
the radio. I made up a cable for packet use (which works file, pins 2,3,5
straight thru) - but still can't get it to talk using the program. Ideas?

--
Bob Oesterlin, NØEST

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 14 Jan 2000 07:56:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60438-2000.01.14-07.10.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don -

> Well I'd just like to praise Kenwood for making the best dual band handheld
> radio I've ever owned as far as Intermod, and I've owned a lot of them over
> the past years.... I am guessing that in order to make the radio good as
> far as intermod goes they limited what the receivers/radio could do.

Which dualband H-T do you own?? I am a little disappointed in the
selectivity of the TH-D7. It is apparently (based on other comments on
this reflector) very susceptible to birdies when located near a PC --
something I personally experience. The birdie is so strong I can't
squelch it out, whether with a rubber duck or external antenna. This
leads me to believe at least part of the interference is being received
due to inadequate shielding rather than through the RF input.

Three other radios -- a Yaesu FT-51, an Icom IC-2100, and an IC-735 are
not affected. As a result, I can't run packet or APRS on my desktop,
because the D7's TNC does not have a true DCD. With an open squelch I
cannot close, the TNC never transmits.

As for "DC-light" radios and intermod, the discussion was focused on the
TH-D7, and for comparison I referred to only three other H-T models
(from various manufacturers), all of which are well-known for intermod
susceptibility in urban areas. I'm not saying a super-wideband receiver
can't be built with great intermod rejection, the IC-R7000 and
comparable desktop receivers are superior even to many single band
receivers. I only meant that it is hard to do in a palm-sized H-T.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

222. [htaprs] Re: D700A software - cable config needed

From: Karl Salisbury <cruz@magicnet.net>
Date: Fri, 14 Jan 2000 07:57:56 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60439-2000.01.14-07.14.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

No offense intended, but, RTFM. Page 2 of the Specialized Communications
manual shows that pins 2,3,4,5,6,7, and 8 need to be wired straight
through. Also shown on one of the three! addenda

Karl, KG4BNA

On Fri, 14 Jan 2000 oester@us.ibm.com wrote:

> Date: Fri, 14 Jan 2000 06:37:27 -0600
> From: oester@us.ibm.com
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Subject: [htaprs] D700A software - cable config needed
>
>
> I tried the software for the D700 last night, but I can't get it to read
> the radio. I made up a cable for packet use (which works file, pins 2,3,5
> straight thru) - but still can't get it to talk using the program. Ideas?
>
> --
> Bob Oesterlin, NØEST
>
>
>
> ---
> You are currently subscribed to htaprs as: kg4bna@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 14 Jan 2000 08:27:26 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60442-2000.01.14-07.44.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 13 Jan 2000, Don Boekenkruger wrote:

> All these complaints...
> Well I'd just like to praise Kenwood for making the best dual band handheld
> radio I've ever owned as far as Intermod, and I've owned a lot of them over
> the past years.... I am guessing that in order to make the radio good as
> far as intermod goes they limited what the receivers/radio could do.

YES, it all has to do with filters. We went through all this compliaining
on the THD7, and the facts are simple: The radio contains two receivers,
But if you start requiring that one shift both the front end filters, and
IF filters around between all possible combinations, then the radio
requires a heck of a lot of filters and switches. The specs and
FCC/International channel requirements require different filters for VHF
and UHF and different filters for USA and foreign. And different filters
to optimize for the 440 band (usa) or the Satellite band (430). And
different filters for out of band tuning.

Yes, it can be done. Watkins Johnson does it, but gets about $50,000
per radio. You aint gonna get it in a $600 HAM radio.

Kenwood Put the best filters for the given band, but then does allow us
wideband use of those two receivers... Today driving to work, and
monitroing on my Kenwood on a 2 meter Whip, I tuned in the 9600 baud
packet downlink from one of the Microsats and copied about 2 minutes of
data. Neat. Thanks kenwood...!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] Info on Packet/APRS Freq

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Fri, 14 Jan 2000 07:17:59 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60451-2000.01.14-08.33.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was curious about if there is a web page that lists the most used
packet/APRS frequencies out there by state. If there is please let me know
as I am looking for information to update my database for the coming months.

Thanks for the information in advance,

Peter

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

225. [htaprs] New software for the D700

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 14 Jan 2000 09:30:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60454-2000.01.14-08.47.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So, How many of us went running for the parking lot with a lap top and
interface cable in hand this morning?

 So far the software look good. the memory sort works great!

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> _____
> NetZero - Defenders of the Free World
> Get your FREE Internet Access and Email at
> http://www.netzero.net/download/index.html
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

226. [htaprs] TCP/IP with TH-D7, who ?

From: "Olivier Santiano" <f1efq@hotmail.com>
Date: Fri, 14 Jan 2000 15:59:38 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60457-2000.01.14-09.15.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there !

I am trying to make my TH-D7 to work on TCP/IP over AX25

Has anyone ever succed doing this ?

I have heard about a bug or something on the KISS mode
of the built-in TNC, or a mismatch with the XON/XOFF flow control...

Maybe ETHRAX25 can help ? (but in KISS mode only ...)

Thanks,

Olivier SANTIANO / F1EFQ

227. [htaprs] Re: TCP/IP with TH-D7, who ?

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 14 Jan 2000 10:27:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60459-2000.01.14-09.40.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Olivier -

I recently began this same experiment, using JNOS running under MS-DOS.
I have only had a couple of hours to play, so I have not advanced very
far yet. I have succeeded in getting the TNC to transmit TCP/IP packets
out, and AX25 mode seems to work OK still.

Due to the TH-D7's susceptibility to EMI from the computer, I am
fighting another problem (the TNC won't transmit while the receiver is
detecting any signal, whether or not it is packet data).

I was not aware of any bug in KISS mode, but that may be a stumbling
block that will be hard to overcome. What is ETHRAX25?

Sorry I am more problem than help, but I am new to this as well. I hope
you get some more informed replies.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

228. [htaprs] Re: TCP/IP with TH-D7, who ?

From: "Olivier Santiano" <osantiano@cdtel.fr>
Date: Fri, 14 Jan 2000 16:36:58 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60462-2000.01.14-09.53.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Too bad the lack of real DCD in the TH-D7...

ETHRAX25 is a "packet driver", modified version of packet driver ETHERSL
(http://www.CRYNWR.COM)
by K8LT (http://www.mv.com/users/grebus/) to use a TNC in KISS mode as an
"Ethernet Interface" useable
with a Winsock TCP/IP Stack under Windows.

I'll try to make more tests under Windows.

Hope not to be too much "out of th subject" on this APRS mailing-list, but i
don't know any other TH-D7 mailing list...

Thanks,
Olivier.

----- Original Message -----
From: "Edward A. Behl" <ed@eabehl.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, January 14, 2000 4:27 PM
Subject: [htaprs] Re: TCP/IP with TH-D7, who ?

> Olivier -
>
> I recently began this same experiment, using JNOS running under MS-DOS.
> I have only had a couple of hours to play, so I have not advanced very
> far yet. I have succeeded in getting the TNC to transmit TCP/IP packets
> out, and AX25 mode seems to work OK still.
>
> Due to the TH-D7's susceptibility to EMI from the computer, I am
> fighting another problem (the TNC won't transmit while the receiver is
> detecting any signal, whether or not it is packet data).
>
> I was not aware of any bug in KISS mode, but that may be a stumbling
> block that will be hard to overcome. What is ETHRAX25?

>
> Sorry I am more problem than help, but I am new to this as well. I hope
> you get some more informed replies.
>
> 73
>
> --
> Edward A. Behl - KG4ALG
>
> ---
> You are currently subscribed to htaprs as: f1efq@citeweb.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

229. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Jon Ogden <jono@enteract.com>
Date: Fri, 14 Jan 2000 09:40:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60464-2000.01.14-09.55.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/14/00 00:01, Don Boekenkruger at donb@direct.ca wrote:

> All these complaints...
>
> Well I'd just like to praise Kenwood for making the best dual band handheld
> radio I've ever owned as far as Intermod, and I've owned a lot of them over
> the past years.... I am guessing that in order to make the radio good as
> far as intermod goes they limited what the receivers/radio could do. I feel
> it is a great trade off if this is the case... Seems to work...

Don't get me wrong. I REALLY do like the TM-D700. It is a great radio and
believe me, I understand why they put limits on what frequencies you can
receive on which VFO. Perfectly understandable. I would rather have that
then intermod problems!

And yes, I find the TH-D7A to be really good in terms of intermod.

Perhaps I should have rated my gripes on the TM-D700 as major or minor. The
only really big one that is my biggest gripe is the inability to receive UHF
on VFO A and VHF on VFO B simultaneously. Other than that, most of my
gripes are really minor and I am not sorry about buying the radio. Perhaps
I should post a D700 AWESOME features list because it really has some cool
stuff. REALLY cool stuff.

And to those that wonder about "bugs" in the software or what not: I can't
find any. The only feature that I have found that I can't make work is
turning off cross-band reapeater functions via remote control. And I didn't
play with it that much.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

230. [htaprs] Re: TCP/IP with TH-D7, who ?

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Fri, 14 Jan 2000 07:40:08 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60465-2000.01.14-09.56.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Olivier -
>
> I recently began this same experiment, using JNOS running under MS-DOS.
> I have only had a couple of hours to play, so I have not advanced very
> far yet. I have succeeded in getting the TNC to transmit TCP/IP packets
> out, and AX25 mode seems to work OK still.
>
> Due to the TH-D7's susceptibility to EMI from the computer, I am
> fighting another problem (the TNC won't transmit while the receiver is
> detecting any signal, whether or not it is packet data).
>
> I was not aware of any bug in KISS mode, but that may be a stumbling
> block that will be hard to overcome. What is ETHRAX25?
>
> Sorry I am more problem than help, but I am new to this as well. I hope
> you get some more informed replies.
>
> 73
>
> --
> Edward A. Behl - KG4ALG

The problem I have observed it that when you cycle power on the radio, it comes out of KISS mode. Software that works in KISS mode on the D700, needs to be aware of this.

Brent KH2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

231. [htaprs] Re: TM-D700A Software

From: Jim Baremore <k5qq@juno.com>
Date: Fri, 14 Jan 2000 09:46:14 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-60476-2000.01.14-11.36.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 13 Jan 2000 22:19:40 -0600 "Mark Endicott"
<endicott@nashville.com> writes:
> Can anyone tell me what programming cable is used?

Hi Mark

It's a male DB9 on the radio and so you need a cable with a female DB9 on one end and the other ent to match up with your serial port. Typically also a Male DB9 and thus you need a Female DB9 on that end also. I got my Female-Female DB9 cable at Radio Shack

Good Luck

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] Re: D700A software - cable config needed

From: Jim Baremore <k5qq@juno.com>
Date: Fri, 14 Jan 2000 10:16:17 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-60477-2000.01.14-11.37.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 14 Jan 2000 06:37:27 -0600 oester@us.ibm.com writes:
>
> I tried the software for the D700 last night, but I can't get it to
> read the radio. I made up a cable for packet use (which works file,
pins
> 2,3,5 straight thru) - but still can't get it to talk using the
program.
> Ideas?

Hi Bob

I used a RS cable which has all of the pins wired straight thru - not a
null modem - and it works fine.

I did have one problem in that I was on line via my modem on Com3 and
tried to use the program on Com1 and it would not work. Hung up the
modem and the program worked fine. A classis IRQ problem...

Anyhow, Program works fine here

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

233. [htaprs] Re: My D700 page

From: Jim Baremore <k5qq@juno.com>
Date: Fri, 14 Jan 2000 09:50:55 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-60478-2000.01.14-11.38.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 13 Jan 2000 23:01:26 -0600 "Jim Gill" <jimgill@ix.netcom.com>
writes:
> With the recent release of the TMD700 software by Kenwood,.....
>
> NOW, the question is, who among us would like or need me to continue
> the work on documenting the D700 command set so I can decide how much
> time I'll need to devote to the project?

> However, I do enjoy doing this, so please speak up if
> you want to see the work continue....

Hi Jim

Please DO KEEP ON with this work. Lots of applications will require this
framework.

I can see smart digi's using this info. I saw your stuff and was
thinking about writing some procomm scripts to interact with a user thru
menu's and set other things in the radio.

Thanks in advance for all your work.

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

234. [htaprs] Re: D700A software - cable config needed

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 14 Jan 2000 11:23:05 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60479-2000.01.14-11.42.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Why reinvent the wheel? Go to RadioShack, get 26-152 - DB9 female to DB9 female. $9.99. If you need 25 pin on the computer end, you'll need a $6 gender bender. RS doesn't sell a DB25F to DB9F (at least it's not in the 2000 catalog - page 289).

Jim N0RMO

> Page 2 of the Specialized Communications
> manual shows that pins 2,3,4,5,6,7, and 8 need to be wired straight
> through.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

235. [htaprs] Re: TM-D700A Software

From: "Dr. Rick Olsen" <n6nr@email.msn.com>
Date: Fri, 14 Jan 2000 09:32:32 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-60481-2000.01.14-11.49.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's where I got my cable as well. BTW, the software seems to work very well. I am interested in a Palm OS version for my vehicle.

de Rick, N6NR

> I got
> my Female-Female DB9 cable at Radio Shack
>
> Good Luck
>
> Jim Baremore K5QQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

236. [htaprs] UHF/VHF assignment in the D700

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Fri, 14 Jan 2000 10:35:42 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60482-2000.01.14-11.54.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden <jono@enteract.com> wrote:

>You cannot do UHF/VHF. The manual even says it.

Your $700 radio would turn into an $800+ one. Optimized VHF + optimized UHF
+ wideband front ends on each side means you'd have 6 RF front ends in the
beast. That's a pretty silly design concept, you'd have to admit. Or you could
instead have only a single, broadband front end on each side - and a useless radio.

A far better solution is to open up the broadband front end of the right side only,
there'd be no parts count increase.

I can't do UHF/VHF on my Yaesu 8100 either; I wonder if any dual banders can do
it. Personally, I think that broadband front ends are usually only good for very casual

listening (your aircraft band monitoring might fit this description).
They're highly
susceptible to images and intermod. I can usually pick up an image of
airport comms
at their frequency + 2x the IF of the opposite VFO. Give that a try,
it could solve your
problem! <g>

73,
Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

237. [htaprs] Re: D700 control codes.

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 14 Jan 2000 11:48:54 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60485-2000.01.14-12.08.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A D700 user wrote me:
> You might want to think about a secure web interface for the D700. Plug
the
> speaker and Mic into a sound card and you have a remote base on the web!
>
> I am sure this would be a lot of program work, but some one will do it I
am
> sure. If more rigs are brought to market like the D700 (how about a H.F.
> radio) then some one might be able to make money at it.

Neat idea and cool possibility... see www.javaradio.com for an example of
this possibility in action.

Jim N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

238. [htaprs] Intermod Fix

From: "Steven J Adams" <adamss@datasys.net>
Date: Fri, 14 Jan 2000 11:55:3
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60488-2000.01.14-12.12.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been having the same problem with intermod on my TH-D7 as the rest
of you. I went to AES and bought a Par Electronics Intermod filter
(VHFDN152HT) for $70.

Being a paging technician, I am constantly traveling to the towers. With
the filter installed, I no longer have intermod even when running a preamp
and sitting at the tower sites. This filter works good on 152-158 MHz
signals.

My house is 1/10 mile from a radio tower with lots of business repeaters
and 157.74 MHz paging. I have intermod on any radio. I tried the HT filter
on my home radios and it solved my problems.

Par Electronics makes another model (VHFDN152) that will work on the
TM-D700. Price is $63. They make another model with an extra can to knock
out 158 MHz more (VHFTN152-158). I've ordered 2 but they are on back
order.

Don't expect miracles out of such a small and wonderful radio. Check out
and buy the filter and you will go back to loving these radios.

KF4NAT
Steve Adams
Valdosta GA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

239. [htaprs] Re: Makeing the issue a little clearer

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Fri, 14 Jan 2000 10:15:34 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60497-2000.01.14-12.33.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Why don't you check out the ARRL Hamfest/swap calendar.

http://www.arrl.org/hamfests.html

At 10:49 PM 01/13/2000 -0700, Peter J Anderson wrote:
>What I am trying to do is start a list for the hamfest notification, not
>hamswap, my mistype generated a lot of response from all and I am sorry if
>you all have the idea that I was imposing on your own lists for the local
>area. What I was trying to do is give people the chance to be able to get
>the word out via email about the different swaps there are, either in their
>home town or if someone is traveling and wanted to check out a fest
>elsewhere. If this sounds like a good idea then let me know.
>
>Sorry for the confusion and hope to hear from all of you
>
>Peter
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

240. [htaprs] Re: D700 control codes.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 14 Jan 2000 13:39:48 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60501-2000.01.14-12.56.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 14 Jan 2000, Jim Gill wrote:

> > You might want to think about a secure web interface for the D700. Plug
> > the speaker and Mic into a sound card and you have a remote base on
> > the web!

Wow, Just 5 minutes ago, I finished connecting my D700 to a telnet port so
that it can be used remotely in support of tonights launch of several new
Amateur Sateillites. The builders in Arizona will be able to remotely use
my radio (9600 baud TNC) to see the early passes over the East coast via
the internet and control doppler and see the packets (I hope....)

Yes, the control port is secret. No, you cant have it <grin>

But it does show where the marriage of Amateur Radio and the internet is
HERE TO STAY (Except in the UK)

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

241. [htaprs] Re: [Kenwood] Makeing the issue a little clearer

From: Eddie Muro <kc2ayc@banet.net>
Date: Fri, 14 Jan 2000 14:13:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        lumpy@digitalcartography.com, ham4sale@onelist.com, ham@onelist.com,
        Amateur-repairs@onelist.com, amateur Radio <amateur_radio@onelist.com>
Message-ID: <LYR845-60526-2000.01.14-13.30.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Pete-

There already is a Hamfest Notification list here on Onelist. Check it
out. I am a hamfest chairman for LIMARC...so keep me posted.
73
Ed

Peter J Anderson wrote:
>
> From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
>
> What I am trying to do is start a list for the hamfest notification, not
> hamswap, my mistype generated a lot of response from all and I am sorry if
> you all have the idea that I was imposing on your own lists for the local
> area. What I was trying to do is give people the chance to be able to get
> the word out via email about the different swaps there are, either in their
> home town or if someone is traveling and wanted to check out a fest
> elsewhere. If this sounds like a good idea then let me know.
>
> Sorry for the confusion and hope to hear from all of you
>
> Peter
>
> _____________________________________
> NetZero - Defenders of the Free World
> Get your FREE Internet Access and Email at
> http://www.netzero.net/download/index.html
>
> --------------------------- ONElist Sponsor ----------------------------
>
>   GRAB THE GATOR! FREE SOFTWARE DOES ALL THE TYPING FOR YOU!
> Tired of filling out forms and remembering passwords? Gator fills in
> forms and passwords with just one click! Comes with $50 in free coupons!
>   Click Here
>
> --
>
> Community email addresses:
>   Post message: Kenwood@onelist.com
>   Subscribe: Kenwood-subscribe@onelist.com
>   Unsubscribe: Kenwood-unsubscribe@onelist.com
>   List owner: Kenwood-owner@onelist.com
> All Ohio Scanner Club: www.aosc.org
>
> Shortcut URL to this page:
>   http://www.onelist.com/community/Kenwood

--

****
Eddie Muro - KC2AYC   E-mail: KC2AYC@arrl.net
KC2AYC Web Site: http://hometown.aol.com/kc2ayc/index.html

LIMARC Hamfest Committee Chairman   http://www.limarc.org
All Ohio Scanner Club :   http://www.aosc.org

Read Scanning USA Magazine 1-800-651-0922

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

242. [htaprs] Re: UHF/VHF assignment in the D700

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 14 Jan 2000 14:37:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60528-2000.01.14-13.51.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I can't do UHF/VHF on my Yaesu 8100 either; I wonder if any dual
> banders can do it.

Yep. The Alinco DR-610 -- which, BTW, gets my vote for most intuitive
user interface on any dual-bander. And it kept track of two VFO's for
each band on each receiver. That meant you could quickly pop among 8
preset frequencies in VFO's alone by pushing only one button! I didn't
spend enough time playing with it to see what selectivity was like, but
owners seem to love 'em.

(Of course, I own a TM-V7, but that's another story...)

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

243. [htaprs] APRS From airplanes

From: Skip Allison <cfad07@email.mot.com>
Date: Fri, 14 Jan 2000 14:09:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60532-2000.01.14-14.26.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A couple weeks ago I flew from Las Vegas to Chicago on United sending
APRS packets every 5 minutes. Actually, that wasn't planned. I put my
D7 in a pocket in my computer case - turned off, of course. No plans to
use it from the plane. When we got to Chicago and I was putting the
case in the car, I heard a packet come out of the case. It appears the
on/off button got pushed somewhere along the trip and it was blowing out
posits every 5 minutes! (oops!) Well, we didn't crash or get lost. I
doubt if the packets got anywhere from inside the plane under the seat.
But, just a word of warning if you're carrying your D7 on the plane -
you may want to pull the battery off before you leave!

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

244. [htaprs] D700 - Remote Control + cross band repeat

From: "Bob Oesterlin" <oester@rconnect.com>
Date: Fri, 14 Jan 2000 15:11:13 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60540-2000.01.14-15.27.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With my TMV7A, I could easily get it into remote control mode *and* have
cross-band repeat enabled. Really neat with the D7A! Now, with the D700A, I
can't seem to do that. I can get into remote control, or into cross band
repeat, but I can't seem to do both. I tried the "repeater on/off" remote
code, but that seems to have no effect.

Does anyone know if this can be done - or what the correct what to set this
up is?

Bob Oesterlin N0EST
oester@rnetw.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

245. [htaprs] tm-d700 webpage

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Sat, 15 Jan 2000 00:30:36 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60543-2000.01.14-16.44.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Please could some one point me in the direction of the d700 web page that
some one has set up. Also does any one know the how I can get hold of the
manual of the d700.

Many thanks
Peter
ZR5DWC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

246. [htaprs] Re: tm-d700 webpage

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 14 Jan 2000 17:59:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60553-2000.01.14-18.19.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've just started it -

http://home.netcom.com/~jimgill/tmd700a.htm

Will have more up when I can. As far as I know the PDF manual is not yet on
Kenwood's web site, but the programming software is. No word on if or when
the manual will be on their site.

Jim Gill
N0RMO
Omaha, NE
jimgill@ix.netcom.com

----- Original Message -----
From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, January 14, 2000 4:30 PM
Subject: [htaprs] tm-d700 webpage

> Hi Please could some one point me in the direction of the d700 web page
that
> some one has set up. Also does any one know the how I can get hold of the
> manual of the d700.
>
> Many thanks
> Peter
> ZR5DWC
>
>
>
> ---
> You are currently subscribed to htaprs as: jimgill@ix.netcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

247. [htaprs] Re: Annoying D700 features - KENWOOD PLEASE READ!

From: Tim Yeatman <tyeatman@aei.ca>
Date: Fri, 14 Jan 2000 21:15:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-60575-2000.01.14-21.30.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Edward, mine is in constant use 2 inches from my monitor and the 4 PC's are no
more than 2 feet away. NO interference. Don't use a rubber ducky though and the
radio always runs off a 300 ah battery powered by 200 w of solar panels. You
probably have cabling problems. BTW, not one added filter on any cable.

"Edward A. Behl" wrote:

> Don -
>
> > Well I'd just like to praise Kenwood for making the best dual band handheld
> > radio I've ever owned as far as Intermod, and I've owned a lot of them over
> > the past years.... I am guessing that in order to make the radio good as
> > far as intermod goes they limited what the receivers/radio could do.
>
> Which dualband H-T do you own?? I am a little disappointed in the
> selectivity of the TH-D7. It is apparently (based on other comments on
> this reflector) very susceptible to birdies when located near a PC --
> something I personally experience. The birdie is so strong I can't
> squelch it out, whether with a rubber duck or external antenna. This

> leads me to believe at least part of the interference is being received
> due to inadequate shielding rather than through the RF input.
>
> Three other radios -- a Yaesu FT-51, an Icom IC-2100, and an IC-735 are
> not affected. As a result, I can't run packet or APRS on my desktop,
> because the D7's TNC does not have a true DCD. With an open squelch I
> cannot close, the TNC never transmits.
>
> As for "DC-light" radios and intermod, the discussion was focused on the
> TH-D7, and for comparison I referred to only three other H-T models
> (from various manufacturers), all of which are well-known for intermod
> susceptibility in urban areas. I'm not saying a super-wideband receiver
> can't be built with great intermod rejection, the IC-R7000 and
> comparable desktop receivers are superior even to many single band
> receivers. I only meant that it is hard to do in a palm-sized H-T.
>
> 73
>
> --
> Edward A. Behl - KG4ALG
>
> ---
> You are currently subscribed to htaprs as: tyeatman@aei.ca
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Tim Yeatman VA2TPY aprs VA2TPY-7
Richelieu Qc. Ca near Montreal
68 T120, many Tridents, some Velocettes
other asst'd Norton, BSA, Ducati, Moto Guzzi, Honda, Kawa
saving them for retirement projects
and a 63 Stude Avanti sort of in restoration
http://www.aei.ca/~tyeatman
Working hours yeatman@ca.ibm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

248. [htaprs] Re: UHF/VHF assignment in the D700

From: Jon Ogden <jono@enteract.com>
Date: Sat, 15 Jan 2000 13:01:32 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60694-2000.01.15-13.16.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/14/00 11:35 AM, Tony Arnerich at tarnerich@in-situ.com wrote:

> optimized UHF
> + wideband front ends on each side means you'd have 6 RF front ends
> in the
> beast. That's a pretty silly design concept, you'd have to admit. Or
> you could
> instead have only a single, broadband front end on each side - and a
> useless radio.

OK, people aren't listening here!

These are the modes you CAN do on the TM-D700A:

VFO A	VFO B
VHF	VHF
VHF	UHF
UHF	UHF

So BOTH VFOs/front ends ARE optimized for UHF work or VHF work. BUT you
CANNOT do

UHF	VHF

That is the rub!

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

249. [htaprs] Re: D700 - Remote Control + cross band repeat

From: Jon Ogden <jono@enteract.com>
Date: Sat, 15 Jan 2000 13:03:49 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60695-2000.01.15-13.18.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/14/00 3:11 PM, Bob Oesterlin at oester@rconnect.com wrote:

> With my TMV7A, I could easily get it into remote control mode *and* have
> cross-band repeat enabled. Really neat with the D7A! Now, with the D700A, I
> can't seem to do that. I can get into remote control, or into cross band
> repeat, but I can't seem to do both. I tried the "repeater on/off" remote
> code, but that seems to have no effect.
>
> Does anyone know if this can be done - or what the correct what to set this
> up is?

Bob,

I have gotten the remote control to work with the TM-D700A and the TH-D7A.
I was able to turn ON the cross-band repeater option. However, I was unable
to turn it OFF. The code just kept getting sent through the repeater.

There could be a bug in the firmware on this one.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

250. [htaprs] mods for tm-d700a

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 17 Jan 2000 12:34:24 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60953-2000.01.17-05.51.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

I just looked at a favorite mods site (http://www.mods.dk)
there i found a mod for the th-d700

the complete link is
http://www.mods.dk/mods.php3?model=tm-d700&radio=kenwood#1495

have fun
73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

251. [htaprs] mods for tm-d700

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 17 Jan 2000 15:14:19 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60966-2000.01.17-08.31.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

I tried to send this url this morning but it didn't made it to the sig (no
error msg)

i found a mod on the following url:
http://www.mods.dk/mods.php3?model=tm-d700&radio=kenwood#1495

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

252. [htaprs] RE: UHF/VHF assignment in the D700

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 17 Jan 2000 10:21:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-60995-2000.01.17-11.40.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden [SMTP:jono@enteract.com] wrote:

>OK, people aren't listening here!
>These are the modes you CAN do on the TM-D700A:
>VFO A   VFO B
>VHF   VHF
>VHF   UHF
>UHF   UHF
>So BOTH VFOs/front ends ARE optimized for UHF work or VHF work

"Enabled", yes. "Optimized", I doubt it. The left and right VFOs on
my FT8100
may be a useful demonstration:

Left Side = excellent on VHF, loosey goosey "scanner" performance on
UHF.
Right Side = excellent on UHF, loosey goosey on VHF.

You like good intermod rejection? Or do you like wide band coverage?
Pick one.
Your tuning and band assignments will be accompanied by changes of
the signal
path in the radio, if the designers did their job right.

73,
Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

253. [htaprs] Win CE OR Palm III ?

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Mon, 17 Jan 2000 20:39:19 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61004-2000.01.17-12.54.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

I am looking at getting a PDA . I can get a Compaq Aero 1520 for the same price as the Palm IIIx. The Compaq has 16meg's which makes it a better unit but what I need to know is the following. Which of the OS's has better software for APRS and which is the easest to make maps. I am in South Africa and maps are a bit hard to come by.

Many thank's

Peter
ZR5DWC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

254. [htaprs] RE: UHF/VHF assignment in the D700

From: Jon Ogden <jono@enteract.com>
Date: Mon, 17 Jan 2000 18:13:49 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61070-2000.01.17-18.29.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/17/00 11:21 AM, Tony Arnerich at tarnerich@in-situ.com wrote:

> Jon Ogden [SMTP:jono@enteract.com] wrote:
>
>> OK, people aren't listening here!
>> These are the modes you CAN do on the TM-D700A:
>> VFO A VFO B
>> VHF VHF
>> VHF UHF
>> UHF UHF
>> So BOTH VFOs/front ends ARE optimized for UHF work or VHF work
>
> "Enabled", yes. "Optimized", I doubt it. The left and right VFOs on
> my FT8100
> may be a useful demonstration:
>
> Left Side = excellent on VHF, loosey goosey "scanner" performance on
> UHF.
> Right Side = excellent on UHF, loosey goosey on VHF.
>
> You like good intermod rejection? Or do you like wide band coverage?
> Pick one.
> Your tuning and band assignments will be accompanied by changes of
> the signal
> path in the radio, if the designers did their job right.

You're impossible, Tony. The VFOs in the radio ARE what they are. BOTH can do VHF and BOTH can do UHF. So there is NO reason why you cannot do UHF on band A and VHF on band B. I would like a good explanation rather than the "Well, gee you wouldn't have good RX performance if you could do such a thing." stuff I've been hearing here.

Again (perhaps people with knowledge of the TM-D700A should comment), BOTH VFOs will work at VHF and both will work on UHF. So my comment has nothing to do with performance. It has everthing to do with which VFO you assign to which band and the combinations thereof.

Can someone do a little more than speculate? I am not trying to be a smart ass, but it's a real question. I doubt I'll get an answer cause all Kenwood can do is send form letters back to you when you send an e-mail to a real person. And the service techs there probably don't know either. It's a silly feature that doesn't make a lot of sense in the way I see it. Perhaps there is a good HARDWARE explanation lurking about, but this stuff about optimized VFOs and IM isn't cutting it. I am an RF engineer. I understand all that and the trade-offs and needs of proper filtering, etc. I am looking for a discussion of the design of the RF hardware and if that's the reason or if it's some silly software design.

73,

Jon
KE9NA

```
-------------------------------------
Jon Ogden
KE9NA

Member:  ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

255. [htaprs] new email address

```
From: "stridr" <stridr@optonline.net>
Date: Mon, 17 Jan 2000 23:06:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61146-2000.01.17-22.24.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hi folks,

Please note that my new email address is stridr@optonline.net.  Please delete st_rider@csi.com or
st_rider@compuserve.com if you have them in yout address book.

Thanks,
Howard
----------------------------
Help eradicate Pediatric Brain Tumors
http://go.to/nerfk
Join our ride 20 Aug 2000

Howard Hecht   WA1LWD
P.O. Box 3483
Milford, CT 06460-0943

Co-Task Force Leader
New England Ride for Kids

Sportbikers do laps.
      Cruisers do boulevards.
             Sport-Tourers do CONTINENTS!
```

256. [htaprs] Mic-E repeaters

```
From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Mon, 17 Jan 2000 22:29:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61150-2000.01.17-22.44.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Has anyone recently made any effort to update the MIC-E.POS file of Mic-E
capable repeaters in North America?  I would like to see an updated list -
more recent than the mic-e.pos file distributed with dosAPRS.

How many of these repeaters are out there?

Jim   N0RMO   Omaha NE




---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

257. [htaprs] Is there a plain packet program for the palmpilot?

```
From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Mon, 17 Jan 2000 23:17:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61201-2000.01.18-00.35.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Now don't get me wrong, I like that the palmpilot has a APRS program and I
love it to death.  But there are some here that would like to know if there
is a straight packet program for the palmpilot.  I have done some searching
```

on the web and have not found anything yet, but I am still looking. If
someone could point me in the right direction I would be most grateful.

thanks for the information in advance
Peter Anderson
N0WRE

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

258. [htaprs] RE: UHF/VHF assignment in the D700

From: "Edward A. Behl" <ed@eabehl.com>
Date: Tue, 18 Jan 2000 13:39:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-61315-2000.01.18-12.51.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon -

The reason for much of the discussion (and speculation) is that among
dual-receiver dual-band radio radios, it's very common for manufacturers
to "optimize" one receiver for 2-meters, and the other for 70cm. This is
visibly evident in the receive sensitivity specs of the two receivers
when tuned to their "non-optimum" band.

What is "optimized" is the front-end bandpass filtering, between the
antenna input and the first stage of amplification. By selectively
filtering the frequency range that can pass through, the RF gain can to
be maximized without creating intermod (receiving the product of two or
more mixed radio signals) and image reception (receiving a frequency
that is above or below the tuned frequency by double the 1st IF mixer
frequency).

This is the classic balance designers must strike between receiver
sensitivity (hearing anything at all) and selectivity (not hearing what
you don't want to). The "tuned" characteristic of a radio receiver is
what distinguishes it as a signal amplifier from the way an audio
amplifier amplifies all audio frequencies without discrimination.
Without relatively high selectivity, the receiver would "hear" lots of
different signals at once. So, as a result of tuning the VHF side
bandpass for a fairly narrow range of 142-150MHz for instance,
sensitivity at 440MHz is understandably reduced. But without the
filtering, strong nearby radio and television broadcasts would overwhelm
the receiver.

Now what would be really cool is if the receivers had switchable or
software-tunable bandpass filters so that when you switched a receiver
out of band, its bandpass characteristics shifted in unison. And, in
fact, HF rigs and top-of-the-line receivers do just that. Now, whether
it's feasible to do build this kinda design into a mobile or H-T, and
what would it cost, are other questions.

I think it's healthy to keep in mind where dual-band rig evolution came
from. It started with packaging two, completely discrete receivers into
a box with a single transmitter module. The receivers could not tune out
of band -- period. At the time it was just cool to cover two bands with
a single radio.

Then we decided "Hey, we could tune the receivers out of band, even
though it would result in less-than-spectacular performance." Now, we're
expecting to go one major hurdle beyond that and design a receiver
module that can cover bands across two octaves or more, with no
degradation in performance. It can't be done for $500.

Why didn't Kenwood give us total flexibility with D7 and D700? I don't
know, but I suspect that if they could have figured out how to do it
without embarrasing results, they would have.

I'm guessing they shot way higher with the design spec of the D700. They
just couldn't achieve everything they went for in the time they had to
get the radio to market. Given another 8 months, maybe they could have,

but then Icom or Yaesu might have come in with their next rig and blown
Kenwood out of the market.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

259. [htaprs] Cross-band

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 18 Jan 2000 12:47:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <tmd700a@onelist.com>
Message-ID: <LYR845-61322-2000.01.18-14.04.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could someone try to do locked band repeat?

I have the following scenario and I get a "muffled" signal and I also get
noise from the GPS data into the audio line.

I have my D700A in LOCKED BAND repeater mode (which only repeats 440 inputs
onto 2m).

Band A on 146.620-.
Band B on 445.300.

Whatever audio is transmitted on 445.3 is retransmitted on 146.020.

I get reports that my signal is muffled and noisy even though if I use the
mic on the radio from the same location with the same power, my signal is
fine.

I am curious if someone else has the same situation. Please bear in mind
that I am not using the CROSS-BAND repeater function so the D700 only
transmits the 445.3 signal onto 146.6020. The 146.620 signal is picked up by
my HT and the D700 does not retransmit that signal. (Keep the latrine
lawyers at bay!)

Thanks,

Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

260. [htaprs] RE: UHF/VHF assignment in the D700

From: Jon Ogden <jono@enteract.com>
Date: Tue, 18 Jan 2000 14:40:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-61330-2000.01.18-14.55.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/18/00 12:39, Edward A. Behl at ed@eabehl.com wrote:

> The reason for much of the discussion (and speculation) is that among
> dual-receiver dual-band radio radios, it's very common for manufacturers
> to "optimize" one receiver for 2-meters, and the other for 70cm. This is
> visibly evident in the receive sensitivity specs of the two receivers
> when tuned to their "non-optimum" band.

Ed,

All of your discussion and everything was correct and all very good. Trust
me, I understand the problems of wide band receivers, need for filters, etc.
It is obvious Kenwood did this with the design of the radio in that VFO A
covers the aircraft band through UHF while the B VFO covers 2m through 1.2
GHz in various segments. It is also clear they had this in mind as you
actually select different "bands" in which you tune be it 200 MHz, 300 MHz,
etc. This is a smart design concept.

Again, I understand that. What I don't understand is why both VFOs do TUNE

and OPERATE in the 2M band and in the 440 Band yet you cannot have a 440 MHz assignment in VFO A and a 145 MHz assignment in VFO B!

Yet I can do this:

A B

145 440
145 145
440 440

No one has given a satisfactory explanation as to why you can't do the fourth combination or 440/145. It's possible no one knows so some answer is better than none.

It makes sense in the TH-D7A since you CAN'T do UHF frequencies at all in VFO A (I forget if you can if you shut the B band off). It is clear that VFO A in the TH-D7A is no at all optimized or capable of UHF operation. However, in the TM-D700, VFO A is clearly capable of UHF operation and VFO B is clearly capable of VHF operation.

So I don't consider any of the answers that I have heard to be satisfactory. That's fine. Until someone with real knowledge of the design of the radio (ie: Kenwood - but all they can do is send form letters to you and the techs probably don't know) or someone with a copy of the service manual who knows how to read schematics comments then I don't think we have an answer.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

261. [htaprs] RE: Win CE OR Palm III ?

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Tue, 18 Jan 2000 16:19:00 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61331-2000.01.18-15.34.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well... there are advantages to each platform, and enthusiasts who use either or both platforms. Unfortunately (or fortunately if you are a Palm user), the Palm has one advantage as far as APRS goes, though not for long. (Keep reading). The Palm actually has a released, working version of APRS (pocketAPRS), whereas, I haven't yet released APRS/CE. However, I stated about a week ago that APRS/CE will be in beta within two weeks. I plan on making that date. If you like the color CE platform, and are willing to deal with some of the pain of beta software until version 1.0 is ready, go ahead and purchase the CE box. (I can assure you that my beta software will be far less painful that what some larger, unnamed software companies call "beta".)

All that said, you certainly won't be making a mistake by getting a Palm, Mike's software is an excellent piece of work.

As far as maps go, you'll be able to use either Win/MacAPRS maps *and* pocketAPRS maps on APRS/CE.

The Palm can use pocketAPRS maps (obviously), but I'm not aware of any way to convert a Win/MacAPRS map to pocketAPRS format. That doesn't mean it doesn't exist. Perhaps if Mike is lurking on the SIG, he can answer this one definitively.

Feel free to contact me if you need more details...

-Rob
KZ5RW
APRS/CE: Real Soon Now ;-)

-----Original Message-----
Hi All

I am looking at getting a PDA . I can get a Compaq Aero 1520 for the same
price as the Palm IIIx. The Compaq has 16meg's which makes it a better unit
but what I need to know is the following. Which of the OS's has better
software for APRS and which is the easest to make maps. I am in South Africa
and maps are a bit hard to come by.

Many thank's

Peter
ZR5DWC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

262. [htaprs] RE: UHF/VHF assignment in the D700

From: "Edward A. Behl" <ed@eabehl.com>
Date: Tue, 18 Jan 2000 16:36:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-61333-2000.01.18-15.47.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon -

> So I don't consider any of the answers that I have heard to be satisfactory.
> That's fine. Until someone with real knowledge of the design of the radio
> (ie: Kenwood -

Yep. And I wasn't trying to make yet another speculation. Sorry if I
sounded condescending. FWIW, my TM-V7 has the same limitation. V/V, V/U,
U/V, but no U/V option. I don't know if it's arbitrary or not. But like
I said, it would surprise me if Kenwood had not tried this option, since
competitors' rigs will operate in this configuration. I'm going on the
presumption that they hit a design snag of some sort that they didn't
want to expend resources to conquer.

Especially since the TM-V7 has been out for a couple of years now, you
would think that they have had enough time to rectify whatever is the
problem. On the other hand, maybe it is entirely arbitrary, since it is
contrary to what might be considered logical operation (i.e. using both
receivers in their non-optimum band). The ability to tune aircraft on
the A side may be considered almost a superfluous feature (but now I'm
speculating...)

Good luck in your quest. Kenwood can seem kinda goofy with their
responses. Though they apparently monitor this reflector, they only seem
to engage in commentary if they can show Kenwood in a good light. This
may be a corporate thing. But acknowledging a design obstacle may not
qualify, if this is their policy.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

263. [htaprs] RE: UHF/VHF assignment in the D700

From: Jon Ogden <jono@enteract.com>
Date: Tue, 18 Jan 2000 19:47:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-61352-2000.01.18-20.02.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/18/00 3:36 PM, Edward A. Behl at ed@eabehl.com wrote:

> Yep. And I wasn't trying to make yet another speculation. Sorry if I

> sounded condescending. FWIW, my TM-V7 has the same limitation. V/V, V/U,
> U/V, but no U/V option. I don't know if it's arbitrary or not. But like
> I said, it would surprise me if Kenwood had not tried this option, since
> competitors' rigs will operate in this configuration. I'm going on the
> presumption that they hit a design snag of some sort that they didn't
> want to expend resources to conquer.

Well, it's interesting, I just looked at an ad for the Yaesu FT-8100 and
they advertise dual receive:

V/U V/V and U/U

They don't offer U/V either.

So that tells me that it isn't just arbitrary.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

264. [htaprs] RE: UHF/VHF assignment in the D700

From: "Edward A. Behl" <ed@eabehl.com>
Date: Tue, 18 Jan 2000 22:04:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-61363-2000.01.18-21.16.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon -

> Well, it's interesting, I just looked at an ad for the Yaesu FT-8100 and
> they advertise dual receive:
> V/U V/V and U/U
> They don't offer U/V either.
> So that tells me that it isn't just arbitrary.

Odd... The FT-51R HT has essentially two completely independent
receivers. Even the memory presets are separate. No problem with U/V or
any combination. You can even split the Tx and Rx frequency cross-band,
i.e. Tx on 440 and Rx on 144. Yet the sensitivity noticably favors their
"proper" band. But I guess this is a rig still based on the early
dual-band constructions where you basically had two completely separate
receive modules in the same box.

I pulled the spec sheet for 8100 and noticed that the first IF frequency
is different for the VHF and UHF receivers, which also would account for
some degradation of performance when operating outside their preferred
band.

I am sure the Alinco DR-610 can work in U/V. This is another very
flexible rig receive-wise. I don't remember if memories were shared; but
if not, it might indicate that the receivers work completely
independently.

I also pulled the spec sheet for the Icom IC-2710. They claim that the
two receivers actually have separate RF sections for operating in either
band with either receiver with no performance loss -- a total of four RX
sections! (I'm quoting.) I don't know if they carried this over to their
new IC-2800 with the color screen.

Anyway, we're veering pretty hard off the focus of the reflector, so I
better shut up.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

265. [htaprs] GPS/DATA Cable for D700 and D7A

From: "James Kalkowski" <toast@portone.com>
Date: Tue, 18 Jan 2000 22:47:1
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61384-2000.01.18-23.07.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all who ordered the 2.5 mm cable. The "honor system" worked out great. I have heard nothing but great news about how nice the cables are compared with the flimsy ones that Kenwood sent with these radios.

I do have a few left over if there is anyone out there who still wants one. Please go to www.mouser.com and look at the PDF file for part number 172-2010 so you understand exactly what these are. They are 10 times better than the ones Kenwood supplies with the D7A and the D700. I also got a lot of email from others who got defective cables with their D700's so I was not alone out there. The cables are $5.00 each including shipping and I do not plan on placing another order any time soon so when they are gone, thats it for me and this adventure.

Email me if interested: toast@portone.com

-73-
Jim
N1GTL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

266. [htaprs] Re: [aprssig] D7A make a good dumb/smart tracker?

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Tue, 18 Jan 2000 23:28:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61397-2000.01.18-23.48.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Does the Kenwood handheld have the capability of acting
> like a tracker? If so, will it detect channel or data
> and hold TX off until clear?

Yes it will transmit when the channel is clear (or, more accurately, will *not* transmit if the channel is busy, or if a channel on the other band is busy also if you have it configured as such. Same goes for the TMD700 mobile). Although, it is not "True DCD" - if the squelch is merely *open* it will not transmit. It does not actually sense the presence of *data* - just an open squelch. Bad for noisy RF environments... like most large city Downtowns.

> Can it detect an external condition to change TX timing,
> as an example, between driving and stopped?

No, you'll have to manually change the beacon rate when you stop. The TMD700 mobile unfortunately is the same way, but makes it somewhat easier by being able to store 5 completely different "PMs" (programmable memories, or "Identities" if you will) that can have different status texts, paths, beacon rates, etc. for easy retrieval by pressing just two keys.

Both of the Kenwoods are amazingly good radios, and are great to be able to view activity instead of just transmit like a "dumb" tracker. But even "dumb" trackers like the KPC3+8.3 are "smarter" than the Kenwoods in that you can have the automatic beacon timing change when you stop, all hands-off. So there will be a trade-off, you'll need to decide what your intended use and priority will be regarding Kenwood vs. traditional trackers.

73
Jim Gill

N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

267. [htaprs] Re: Garmin III+ To D700A Connection lost

From: "Steven K. Ng" <skng@iex.net>
Date: Tue, 18 Jan 2000 21:59:10 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61411-2000.01.19-00.19.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I took the D700A to Kenwood to see what the problem was. They
concluded that I probably blew an IC when I connected the GPS to the
radio without powering down the radio. Kenwood replaced the IC and
the radio works fine.

I will be more careful from now on when I connect and disconnect data
cables to and from my radios.

Thanks for the suggestions I received from the group.

Steven

At 16:46 -0800 1/10/2000, Steven K. Ng wrote:
>During a cross country trip last week, I had a Garmin III+ and
>TM-D700A configured to beacon positions every 10 mintues. This
>worked for several hours. During the trip, the D700 stopped
>beaconing becaused seemed as if it wasn't receiving NEMA sentences
>from the Garmin III+. If I connect the GPS cable to a TM-D7A, I am
>able to read valid positions on the D7A. If I replace the Garmin
>III+ with an old Trimble Scoutmaster, I read valid positions on both
>the D700 and the D7A.
>
>The same cables were used in all of these combinations.
>
>I also attempted a partial (VFO) reset of the D700A.
>
>I went through all the gyrations of insuring that the D700 was set
>up to receive NEMA sentences (not NEMA96), and that the D700 was in
>APRS mode. Is there anything else I need to do to make this work?
>Afterall, it was working for a little while.
>
>I upgraded the Garmin III+ software to 2.03 this morning. No joy.
>How do I completely reset the Garmin III+ start from scratch? I
>wonder if that will help.
>
>I disdain problems like this, because they defy obvious
>explanination. I hope it is something simple I have forgotten.
>
>Steven
--
Steven Ng | If we bring a little joy into your hum drum lives, it
N6IQA | makes us feel as though our hard work ain't been in vain
skng@iex.net | for nothing -- Leena Lamont, Singin' in the Rain

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

268. [htaprs] Re: Is there a plain packet program for the palmpilot?

From: Randy <ka0azs@commkey.net>
Date: Wed, 19 Jan 2000 07:51:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-61446-2000.01.19-07.08.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Peter J Anderson wrote:
>
>If there is a straight packet program for the palmpilot.

I'm playing with Simple Term terminal program for packet. Seems to
work pretty well without any of the bells and whistles for something

like ARESPACK. As I was downloading several terminal programs at the
same time for testing, I don't remember which site I got it from!
Sorry. Of the ones I downloaded, this was, for me, the simplest, most
intuitive and easy to use. (as well as being free ware!), and is the one
I'm keeping for now.

--
Randy Allen, KAØAZS
Asst. EC Montgomery CO Ohio
OH Dist. 3 ARES Web Page:
http://www.cmplus.com/public/hamd3.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

269. [htaprs] Re: Is there a plain packet program for the palmpilot?

From: "Edward A. Behl" <ed@eabehl.com>
Date: Wed, 19 Jan 2000 10:29:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-61457-2000.01.19-09.40.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Peter -

An ordinary comm program, designed for modem control, should work for
AX.25 mode packet. I don't know if one exists for the Pilot, but I'd
guess someone has created at least a simple one.

On a laptop, I can use ProComm Plus for DOS to originate connections and
send e-mail. Some have even suggested using the dialing directory to
store common TNC control strings, like your beacon text and connection
requests.

Good luck & 73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

270. [htaprs] Cross-Band Repeater and Remote Control -- Solution

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 19 Jan 2000 12:41:30 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61513-2000.01.19-14.58.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some have commented that the Cross-Band Repeater under Remote Control
can't be turned off from the handheld transceiver. Turning the repeater ON
and OFF works fine... but you have to set up the radio correctly first.
Here's how it is done:

TM-D700A CrossBand/Remote Control Setup
=======================================

Select Band A.
        Enter VHF frequency (eg. 146.520)   PTT will be displayed.

Select Band B.
        Enter UHF frequency (eg. 446.000)   PTT will move to UHF Band.

Select Band A again (PTT will be displayed on this band)

On D700A, make sure the secret code has been entered, and set up
answerback...

Menu   1-A-1   Code 000   (or whatever you want)
        1-A-2   On
        1-A-3   On

At this point, the D700A *automatically* sets up the PTT and Control
bands. If you set up the PTT and CTRL bands before hand, it doesn't work
properly -- as we have all found out. The manual isn't very clear about
this.

On the TH-D7A, enter the same frequencies and tones as you did on
the D700A:

Band A: 146.520
Band B: 446.000 PTT (You will be transmitting on this frequency)

Enter the D7's secret code using:
PTT & VFO Pwr On   Code 000 (or whatever you set above)

Turn on the D7's remote control:
PTT & MR Pwr On   Initiate Remote Control

Now, when you press the "C" key on the D7, it'll activate the repeater,
and when you press the "D" key, it'll shut it off. Note that some of the
DTMF tones will be sent out over the VHF frequency. If you are operating
though a repeater on VHF, make sure that those tones aren't going to mess
up the repeater!

Hope this helps.

Julian
--
The N3JF Radio School home Page --
http://welcome.to/radio-school
##
The Gordon West Radio School Home Page --
http://www.gordonwestradioschool.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

271. [htaprs] Re: Packet software

From: Jack LeBreton <jack.lebreton@sympatico.ca>
Date: Wed, 19 Jan 2000 21:39:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61573-2000.01.19-21.51.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Peter,
        I've not found any Packet Programming per se, but if you
have ever had any success "doing" packet usinf terminal
software, then I would highly recommend Accessit Ver 1.1,
YAMADA Tatsushi. Just run a search on the web and it'll
appear. Contact me if you have any trouble.
        73 de Jack VA3JAX
                        <snip>

.... But there are some here that would like to know if
there
is a straight packet program for the palmpilot. I have done
some searching on the web and have not found anything yet,
but I am still looking. If someone could point me in the
right direction I would be most grateful.

thanks for the information in advance
Peter Anderson
N0WRE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

272. [htaprs] Hotsync cable for Palm pilot -> DB 9

From: Steve Prior <sprior_1952@yahoo.com>
Date: Thu, 20 Jan 2000 08:22:50 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61645-2000.01.20-10.19.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to get the Palm pilot to run the
PocketAprs application. I have the hotsync cable with
a DB9 connector at the other end.

What are the proper pins to connect the jack into the
D7?

Thanks
Steve
N3UYI
_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

273. [htaprs] Re: Hotsync cable for Palm pilot -> DB 9

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Thu, 20 Jan 2000 12:44:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61657-2000.01.20-11.42.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is excellent documentation at http://www.pocketaprs.com
I used the hotsync cable myself, because they no longer sell the modem
cable, and the alternative companies were out of stock. I cheated temporally
by using a null modem cable, until I was able to make a connector.

Dennis, N2LBT

> I am trying to get the Palm pilot to run the
> PocketAprs application. I have the hotsync cable with
> a DB9 connector at the other end.
> What are the proper pins to connect the jack into the
> D7?
>
> Thanks
> Steve
> N3UYI
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

274. [htaprs] Re: Is there a plain packet program for the palmpilot?

From: Robert Marley <13764@UDel.Edu>
Date: Thu, 20 Jan 2000 16:20:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-61742-2000.01.20-15.17.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you need to save tnc settings, the easiest way is to start a log file
in the terminal window, then do a display command, close the file and
anytime you need to change it just upload a file using ascii transfer.
It will then be uploaded to the tnc. Just like transferring a file. I
use it to set up my KPC-3 for different modes.

"Edward A. Behl" wrote:
>
> Peter -
>
> An ordinary comm program, designed for modem control, should work for
> AX.25 mode packet. I don't know if one exists for the Pilot, but I'd
> guess someone has created at least a simple one.
>
> On a laptop, I can use ProComm Plus for DOS to originate connections and
> send e-mail. Some have even suggested using the dialing directory to
> store common TNC control strings, like your beacon text and connection
> requests.
>
> Good luck & 73
>
> --
> Edward A. Behl - KG4ALG
>
> ---

> You are currently subscribed to htaprs as: 13764@UDEL.EDU
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Robert Marley

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

275. [htaprs] D700A: More User Comments

From: "Rich Casey" <casey@acm.org>
Date: Thu, 20 Jan 2000 20:53:03 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61792-2000.01.20-20.55.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thought I would put my $.02 in after having the D700A in the car for 2
weeks. In summary, it is a cool radio that is lots of fun to use. Random
thoughts:
- Took about two nights of reading the manual and playing with it in the
shack before I had everything programmed and understood the functions. If
you have used a D7A, it's pretty similar.
- Well thought out functions and screen layout on the remote. Very easy to
see day and night. I've been playing with different spots for the remote in
my '97 Jeep Cherokee and found a spot on the console is best. It's an easy
spot to push the buttons at traffic lights.
- I've got APRS in VFO A, and my local VHF rptrs, NWS WX, and a bunch of VHF
and UHF public service channels on B. Like the speed of the scan and being
able to lock out freqs for the scan. Like the alpha function for the
scanner.
- Nice feel to the mike, though I wish it used a regular hook.
- While I was setting it up in the shack, I noticed that the power connector
was the exact opposite of the Kenwood TM-251A! Not a big deal because I
changed to the Molex "RACES standard" connector we use locally. Power poles
will SOON be the standard here, I'm told, once more local suppliers carry
them.
- It's neat that it can tell a D-7A and other D700A's and tell you on the
list; I've just seen one other D700 so far, 161 miles north in Oklahoma.
Nits:
- Wish the altitude could be toggled off on the status; it's never been very
accurate on any GPS I've ever owned.
- While my old Alinco D600 never interfered with my broadcast radio, every
D700A beacon wipes out my FM radio reception.
- Intermod in the city seems to be worse that my old Alinco D-600, even
though I am using the PAR pager filter.
- The remote screen "reboots" whenever I start the car, though the radio
itself does not shut off. I'm using the accessory lighter plug on the Jeep
dash. (I know I need to go directly off the battery; anyone know a spot to
get through a '97 Jeep firewall?)
- I prefer to use the knob to enter letters on a message, but can't generate
a space character except from the TT pad.
- Would like the option to have a full screen display whenever an APRS
packet is received, w/o having to click on Detail.
Problems:
- Have had my POS lock up once while driving, though my GPS continued to
update and the GPS indicator continued to blink on the remote. Turning the
rig off and on cured it.

In summary, two thumbs up from here for a great radio, Kenwood! I love it
even more than my D7!

Rich/n5csu
---------- \\ -------------------------
Rich Casey n5csu@arrl.net
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

276. [htaprs] Re: D700A: More User Comments

From: Jon Ogden <jono@enteract.com>
Date: Thu, 20 Jan 2000 22:19:16 -0600

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61808-2000.01.20-22.14.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/20/00 8:53 PM, Rich Casey at casey@acm.org wrote:

> Thought I would put my $.02 in after having the D700A in the car for 2
> weeks. In summary, it is a cool radio that is lots of fun to use. Random
> thoughts:

Yes, it IS a cool radio!

> - Well thought out functions and screen layout on the remote. Very easy to
> see day and night. I've been playing with different spots for the remote in
> my '97 Jeep Cherokee and found a spot on the console is best. It's an easy
> spot to push the buttons at traffic lights.

Mine is velcroed with the strong stuff you can buy at Radio Shack and is
sitting on the top of the dash just above the radio. I have a 98 Grand
Cherokee.

> - Nice feel to the mike, though I wish it used a regular hook.

Go to Best Buy and look in their cell phone acessories area. There is a
thing called the "Tab Kit" which is the standard kind of hook. Just attach
it to the back of the microphone. works good.

> - It's neat that it can tell a D-7A and other D700A's and tell you on the
> list; I've just seen one other D700 so far, 161 miles north in Oklahoma.
> Nits:

Guess, I'll have to put in a few more WIDES! :-)

So far I've seen 3 of us in Chicago. I've sent messages to the other 2 but
they aren't very friendly and have never answered back.

> - Wish the altitude could be toggled off on the status; it's never been very
> accurate on any GPS I've ever owned.

Agreed.

> - While my old Alinco D600 never interfered with my broadcast radio, every
> D700A beacon wipes out my FM radio reception.

Could be a power supply issue and grounding since you are running through
the cig plug. I have the stock Chrysler radio in my Jeep and never have a
problem. Check your grounding.

> - Intermod in the city seems to be worse that my old Alinco D-600, even
> though I am using the PAR pager filter.

Not driven into downtown Chicago yet, but in the RF hotspots around my area,
I've not noticed any problems. You might want to turn the VHF AIP on when
in those areas. Yeah, it decreases sensitivity a bit but it helps with the
IM. If the paging system has spurious or mixed products in the ham band, no
filter will help. The PAR filter should remove signals outside the ham
bands enough so that improper mixing does not occur inside the radio.
However, if something is happening OUTSIDE your radio and there are in-band
transmissions, then nothing you can do will help. Sounds like that could be
a problem. Do a direct comparison between radios. The PAR filter should
help.

> - The remote screen "reboots" whenever I start the car, though the radio
> itself does not shut off. I'm using the accessory lighter plug on the Jeep
> dash. (I know I need to go directly off the battery; anyone know a spot to
> get through a '97 Jeep firewall?)

I am wired directly to the batter. Here's how you do it:

Run a wire out your window and under the hood! :-)

No! Seriously, here is how:

If you go to the engine firewall on the driver's side near the steering
column, there *may* be a grommet or a boot of some sort passing cables that
you can put your wires through. On my 93 Grand Cherokee that is what I did.
When I got my 98, there was NO grommets or anything. Since the guys that

installed my trailer hitch had already drilled a hole in my firewall for the electric breaking system, I thought, "What the heck." So I drilled a hole myself in the firewall, put a rubber grommet in it and run the wires.

Just go ahead and drill a hole. You'll grimmace at first but it's much, much better than your current system and you won't even notice it after a while. Also, improving your ground will probably eliminate the problem you are having with your FM radio. The FM radio and cig lighter are probably on the same ground buss and are picking up RF from your radio. Ground the radio directly to the battery.

The Jeep is the WORST vehicle for mounting any kind of radios!

> - I prefer to use the knob to enter letters on a message, but can't generate
> a space character except from the TT pad.

Push the "Char" button and then you can get it.

> Problems:
> - Have had my POS lock up once while driving, though my GPS continued to
> update and the GPS indicator continued to blink on the remote. Turning the
> rig off and on cured it.

You know....I had this once as well. It became a regular problem for me during the last several months when I was using the TH-D7A. No one had a solution then. And like you, I have seen this lock up on the D700 as well now too. Since two of us are seeing it, it isn't imagination! I'd like to hear other reports as well.
>
> In summary, two thumbs up from here for a great radio, Kenwood! I love it
> even more than my D7!

Agreed. It is a super radio and I am happy I have mine as well!

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

277. [htaprs] Re: D700A: More User Comments

From: Russ and Joyce Brown <brownrj@home.com>
Date: Thu, 20 Jan 2000 22:29:02 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61834-2000.01.21-00.24.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> - Wish the altitude could be toggled off on the status; it's never been very
> accurate on any GPS I've ever owned.

A couple people have complained about altitude inaccuracy in the typical GPS. Maybe Kenwood should think about putting in an altimeter chip such as the optional one available for the mini Yaesu VX-5R HT. See:
http://www.yaesu.com/vx5r.html

In fact, I would LOVE such an option on the follow-on TH-D7A, which I hope and pray will soon be available with the same altitude-enabled firmware that the D700A has.

Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

278. [htaprs] Re: D700A's in use

From: "Bob Oesterlin" <oester@rconnect.com>
Date: Fri, 21 Jan 2000 05:40:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61850-2000.01.21-05.37.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > - It's neat that it can tell a D-7A and other D700A's and tell you on
the
> > list; I've just seen one other D700 so far, 161 miles north in Oklahoma.
> > Nits:
>
> Guess, I'll have to put in a few more WIDES! :-)
>
> So far I've seen 3 of us in Chicago. I've sent messages to the other 2
but
> they aren't very friendly and have never answered back.
>

In the Rochester MN area, we have 7 of them (over half of them in operation
so far) Look for N0EST-9, AA0SM-9, W0SHL-8, N0HZN-15, others soon

Bob N0EST

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

279. [htaprs] Smallest APRS tracker?

From: Paul Breed <Paul@rasdoc.com>
Date: Fri, 21 Jan 2000 10:02:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61876-2000.01.21-09.01.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am planning on using APRS to track a Radio control model.
Any recommendations for a very light transceiver?

I am currently planning on using an Alinco DJ-C1T "Credit card" transceiver.

If the position reporting is commanded over the normal 50Mhz RC control
channel,
a receiver in the aircraft might not be necessary.

Anyone know of plans for a small xtal controlled FM tx?

Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

280. [htaprs] Re: Smallest APRS tracker?

From: Skip Allison <cfad07@email.mot.com>
Date: Fri, 21 Jan 2000 10:32:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61881-2000.01.21-10.30.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Paul Breed wrote:
>
> I am planning on using APRS to track a Radio control model.
> Any recommendations for a very light transceiver?
>
> I am currently planning on using an Alinco DJ-C1T "Credit card" transceiver.
>
> If the position reporting is commanded over the normal 50Mhz RC control
> channel,
> a receiver in the aircraft might not be necessary.
>

> Anyone know of plans for a small xtal controlled FM tx?
>
> Paul (Kl7JG)
>

Sounds neat, but what is the range of the model? I would expect that
the range would be less than the amount of wander from SA making the
location you get back not too usefull.

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

281. [htaprs] Re: Smallest APRS tracker?

From: Paul Breed <Paul@rasdoc.com>
Date: Fri, 21 Jan 2000 11:55:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61885-2000.01.21-10.50.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Sounds neat, but what is the range of the model? I would expect that
>the range would be less than the amount of wander from SA making the
>location you get back not too useful.

I am interested in several FAI record attempts.
For instance: The record altitude for a piston powered Radio Control aircraft
was set by the Russians at around 28,000 ft.

The declared distance record is around 800miles.
During these kind of attempts it is easy to "lose" the aircraft momentarily,
and a (D)GPS position can be very helpful in the un-lose stage.

These are not the specific record(s) I am after, but they illustrates the
point.

Paul (KL7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

282. [htaprs] Re: Smallest APRS tracker?

From: Dennis Hudson <dennis@zone5.com>
Date: Fri, 21 Jan 2000 12:15:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-61886-2000.01.21-11.12.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Agrello used to have something called the MicroPLL. It is often used for
foxhunting, but I use one with a TNC for remote weather. It is a frequency
agile TX only and can be programmed to transmit MCW or onboard audio at
timed intervals. With a MIM or PIC it could parse info from a GPS.

I also use and own a Paccom PicoPacket with a built in Trimble GPS receiver.
That PICO with a MicroPLL would make a nice small tracker. I have
entertained selling these items, if you are interested email me off the sig.
(I bought a D700 for the car, making a nicer, but bigger, mobile APRS
station.)

Dennis, N2LBT

> I am planning on using APRS to track a Radio control model.
> Any recommendations for a very light transceiver?
>
> I am currently planning on using an Alinco DJ-C1T "Credit card" transceiver.
>
> If the position reporting is commanded over the normal 50Mhz RC control
> channel,
> a receiver in the aircraft might not be necessary.
>

> Anyone know of plans for a small xtal controlled FM tx?
>
> Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

283. [htaprs] Lost messages

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sat, 22 Jan 2000 19:18:54 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62090-2000.01.22-19.15.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you have corresponded with me via **direct Email** over the last few months, and have any important items you consider still "open" or active that I need to reply to you on, could you please **re-send** any of those messages to me (if they are still in your sent items folder). If you do have some recent sent messages to me out there regardless of being "completed" or not, it still would be helpful for you to send them so I can fill the holes back in, because...

It appears that being way too tired while working on the computer late at night has come back to bite me. Somehow I accidently deleted the folders I had set up in Outlook Express for all APRS and THD7/TMD700 related messages. Of course, I had the "empty deleted items folder upon exit" checked so when I shut down early this morning, I flushed it all.

I can recover sig messages by fetching the archives from TAPR, but personal messages are (maddeningly) *gone*. Yes, I have a older backup, just doesn't cover the last two months or so. Time to revisit/rewrite my backup scripts @#@$#!

Thanks for your trouble...

Jim Gill
N0RMO
Omaha, NE
jimgill@ix.netcom.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

284. [htaprs] TM-D700

From: "Thom Proehl" <tmproehl@nwlink.com>
Date: Sun, 23 Jan 2000 11:49:46 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62232-2000.01.23-13.46.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been experiencing a rather odd behavior in the D700 that I can not diagnose. When the TNC is in APRS mode and left in P.MON for what appears to be on the average of 30 minutes the screen quits displaying packet data and after 2 or 3 minutes shuts the radio down. I can watch the data stream on another radio-tnc-computer setup sitting next to it and it does not appear to have anything to do with the data. Anyone else experienced this? If so what is the apparent cause?
No, I do not have APO enabled, I thought of that first!

I have another question for the guru's out there, I see APRS beacons/position reports reflected back from a local RELAY to another system as this:
K7FZO-7>T7RWYP,RELAY*,WIDE3-2: '1Ddl j/]
K7FZO-7>T7RWYP,RELAY*,WIDE3-1: '1Ddl j/]
I'm not sure where the T7RWYP comes from and what the '1Ddl j/] means. Could someone help clue me in?
What is seen on yet another system is this:

K7FZO-7>APRS,RELAY*WIDE3-2:@154207h4727.90N/12140.72Wj000/000MIC/M2/In Service..]
K7FZO-7>APRS,RELAY*WIDE3-1:@154207h4727.90N/12140.72Wj000/000MIC/M2/In Service..]

**ignore the hyperlink (underline) reference, the @ sign creates that

behavior.

In my opinion with only 1 week of on-the-bench testing, this is a very cool
rig! The software is a great addition, I have several alternate files
created for different locations and modes.
Way to go Kenwood!

Thom Proehl
K7FZO
k7fzo@arrl.net
North Bend WA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

285. [htaprs] ARRL TravelPlus

From: "Dick Baum" <cdb012@email.mot.com>
Date: Sun, 23 Jan 2000 15:24:34
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62244-2000.01.23-15.21.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone used the ARRL program, TravelPlus for Repeaters, with APRS?
Such as having heard stations plot on the map? If you attach a GPS directly
it will show your current position.

73,

dick, ke2k

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

286. [htaprs] Re: TM-D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 23 Jan 2000 18:41:56 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62257-2000.01.23-17.39.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have gotten lockups watching 9600 baud satellite downlink data. After
only a few minutes, say 5 or 10. But most of the packet data is pure
binary gyberish, so I just figured it was the data....?

bob
 On Sun, 23 Jan
2000, Thom Proehl wrote:

> I have been experiencing a rather odd behavior in the D700 that I can not
> diagnose. When the TNC is in APRS mode and left in P.MON for what appears to
> be on the average of 30 minutes the screen quits displaying packet data and
> after 2 or 3 minutes shuts the radio down. I can watch the data stream on
> another radio-tnc-computer setup sitting next to it and it does not appear
> to have anything to do with the data. Anyone else experienced this? If so
> what is the apparent cause?
> No, I do not have APO enabled, I thought of that first!
>
> I have another question for the guru's out there, I see APRS
> beacons/position reports reflected back from a local RELAY to another system
> as this:
> K7FZO-7>T7RWYP,RELAY*,WIDE3-2: '1Ddl   j/]
> K7FZO-7>T7RWYP,RELAY*,WIDE3-1: '1Ddl   j/]
> I'm not sure where the T7RWYP comes from and what the '1Ddl j/] means.
> Could someone help clue me in?
> What is seen on yet another system is this:
>
> K7FZO-7>APRS,RELAY*WIDE3-2:@154207h4727.90N/12140.72Wj000/000MIC/M2/In
> Service..]
> K7FZO-7>APRS,RELAY*WIDE3-1:@154207h4727.90N/12140.72Wj000/000MIC/M2/In
> Service..]
>
> **ignore the hyperlink (underline) reference, the @ sign creates that

> behavior.
>
> In my opinion with only 1 week of on-the-bench testing, this is a very cool
> rig! The software is a great addition, I have several alternate files
> created for different locations and modes.
> Way to go Kenwood!
>
> Thom Proehl
> K7FZO
> k7fzo@arrl.net
> North Bend WA
>
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

287. [htaprs] Re: TM-D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 23 Jan 2000 18:52:43 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62258-2000.01.23-17.50.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 23 Jan 2000, Thom Proehl wrote:

> I see...beacons/position reports reflected back from a local RELAY to
> another system as this:
> K7FZO-7>T7RWYP,RELAY*,WIDE3-2: '1Ddl   j/]

*** Thats a Mic-E posit.

> What is seen on yet another system is this:
> K7FZO-7>APRS,RELAY*WIDE3-2:@154207h4727.90N/12140.72Wj000/000MIC/M2/In

That is an "expanded" Mic-E packet. Probably by a "smart" digi... or some
other author's intermediate software... I could not get the
other authors to agree to a common format, which would identify the source
of the expansion, so good luck... Also, It contains TIME, but no date...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

288. [htaprs] Re: TM-D700

From: "Chris Arndt" <carndt@slonet.org>
Date: Sun, 23 Jan 2000 17:32:26 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-62276-2000.01.23-19.29.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I kinda wondered why Kenwood put the reset button out and so accessible...

********** REPLY SEPARATOR **********

On 1/23/00, at 3:44 PM, Bob Bruninga wrote:

>I have gotten lockups watching 9600 baud satellite downlink data. After
>only a few minutes, say 5 or 10. But most of the packet data is pure
>binary gyberish, so I just figured it was the data....?
>
>
>bob
> On Sun, 23 Jan
>2000, Thom Proehl wrote:
>
>> I have been experiencing a rather odd behavior in the D700 that I can
not
>> diagnose. When the TNC is in APRS mode and left in P.MON for what
appears to
>> be on the average of 30 minutes the screen quits displaying packet data
and
>> after 2 or 3 minutes shuts the radio down. I can watch the data stream
on
>> another radio-tnc-computer setup sitting next to it and it does not
appear
>> to have anything to do with the data. Anyone else experienced this? If
so
>> what is the apparent cause?
>> No, I do not have APO enabled, I thought of that first!
>>
>> I have another question for the guru's out there, I see APRS
>> beacons/position reports reflected back from a local RELAY to another
system
>> as this:
>> K7FZO-7>T7RWYP,RELAY*,WIDE3-2: '1Ddl   j/]
>> K7FZO-7>T7RWYP,RELAY*,WIDE3-1: '1Ddl   j/]
>> I'm not sure where the T7RWYP comes from and what the '1Ddl j/] means.
>> Could someone help clue me in?
>> What is seen on yet another system is this:
>>
>> K7FZO-7>APRS,RELAY*WIDE3-2:@154207h4727.90N/12140.72Wj000/000MIC/M2/In
>> Service..]
>> K7FZO-7>APRS,RELAY*WIDE3-1:@154207h4727.90N/12140.72Wj000/000MIC/M2/In
>> Service..]
>>
>> **ignore the hyperlink (underline) reference, the @ sign creates that
>> behavior.
>>
>> In my opinion with only 1 week of on-the-bench testing, this is a very
cool
>> rig! The software is a great addition, I have several alternate files
>> created for different locations and modes.
>> Way to go Kenwood!
>>
>> Thom Proehl
>> K7FZO
>> k7fzo@arrl.net
>> North Bend WA
>>
>>
>>
>>
>> ---
>> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>>
>
>APRSdos REPLY/COMMENT:
>
>Reply mail addr: wb4apr@amsat.org
>US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
>See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
>See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

289. [htaprs] Re: TM-D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 23 Jan 2000 22:28:40 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-62295-2000.01.23-21.26.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oh, mine only requires an off/on cycle and it is fine.... bob

On Sun, 23 Jan 2000, Chris Arndt wrote:

> I kinda wondered why Kenwood put the reset button out and so accessible...
>
> ********** REPLY SEPARATOR **********
>
> On 1/23/00, at 3:44 PM, Bob Bruninga wrote:
>
> >I have gotten lockups watching 9600 baud satellite downlink data. After
> >only a few minutes, say 5 or 10. But most of the packet data is pure
> >binary gyberish, so I just figured it was the data....?
> >
> >
> >bob
> > On Sun, 23 Jan
> >2000, Thom Proehl wrote:
> >
> >> I have been experiencing a rather odd behavior in the D700 that I can
> not
> >> diagnose. When the TNC is in APRS mode and left in P.MON for what
> appears to
> >> be on the average of 30 minutes the screen quits displaying packet data
> and
> >> after 2 or 3 minutes shuts the radio down. I can watch the data stream
> on
> >> another radio-tnc-computer setup sitting next to it and it does not
> appear
> >> to have anything to do with the data. Anyone else experienced this? If
> so
> >> what is the apparent cause?
> >> No, I do not have APO enabled, I thought of that first!
> >>
> >> I have another question for the guru's out there, I see APRS
> >> beacons/position reports reflected back from a local RELAY to another
> system
> >> as this:
> >> K7FZO-7>T7RWYP,RELAY*,WIDE3-2: '1Ddl   j/]
> >> K7FZO-7>T7RWYP,RELAY*,WIDE3-1: '1Ddl   j/]
> >> I'm not sure where the T7RWYP comes from and what the '1Ddl j/] means.
> >> Could someone help clue me in?
> >> What is seen on yet another system is this:
> >>
> >> K7FZO-7>APRS,RELAY*WIDE3-2:@154207h4727.90N/12140.72Wj000/000MIC/M2/In
> >> Service..]
> >> K7FZO-7>APRS,RELAY*WIDE3-1:@154207h4727.90N/12140.72Wj000/000MIC/M2/In
> >> Service..]
> >>
> >> **ignore the hyperlink (underline) reference, the @ sign creates that
> >> behavior.
> >>
> >> In my opinion with only 1 week of on-the-bench testing, this is a very
> cool
> >> rig! The software is a great addition, I have several alternate files
> >> created for different locations and modes.
> >> Way to go Kenwood!
> >>
> >> Thom Proehl
> >> K7FZO
> >> k7fzo@arrl.net
> >> North Bend WA
> >>
> >>
> >>
> >>
> >>
> >> ---
> >> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> >> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

> >>
> >>
> >
> >APRSdos REPLY/COMMENT:
> >
> >Reply mail addr: wb4apr@amsat.org
> >US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> >See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> >See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> >See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
> >
> >
> >---
> >You are currently subscribed to htaprs as: carndt@slonet.org
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

290. [htaprs] Kenwood, FREE programming kit!

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 24 Jan 2000 15:32:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62422-2000.01.24-14.29.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.kenwood.net/specials/PG-4W.cfm

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

291. [htaprs] RE: Kenwood, FREE programming kit!

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Mon, 24 Jan 2000 14:54:01 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-62445-2000.01.24-16.51.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is this offer an effort by Kenwood to clear out the channel to make room for
the follow-on D7 with integrated GPS and WX sensors? ;-)

73, Ed

Ed Braaten, K6EKB
http://home.sprynet.com/~ekb/

> -----Original Message-----
> From: Hazen, Dwight L [mailto:hazen@indiana.edu]
> Sent: Monday, January 24, 2000 12:32
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Kenwood, FREE programming kit!
>

>
> http://www.kenwood.net/specials/PG-4W.cfm
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

292. [htaprs] TM-D700 and WinAPRS

From: "Michael Malloy" <malloy@execpc.com>
Date: Tue, 25 Jan 2000 17:23:22 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62572-2000.01.25-17.20.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to get the TM-D700 to display the recieved stations in WinAPRS. I have been able to use the Kenbwood computer program to program the radio so I think my cable connection is working ok. What settings do I need to get the 700 tnc to talk to WinAPRS?

_____
Email: Michael Malloy malloy@execpc.com
QTH: Whitefish Bay, WI
Amateur Radio: N9WJV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

293. [htaprs] Repairing a D7A cord to PalmPilot

From: Jonathan Kaplan <jonk@jskent.com>
Date: Tue, 25 Jan 2000 19:18:51 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62588-2000.01.25-21.15.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My cable from the D7A computer port to the DB25 connector
for the PalmPilot II broke. Can some point me to a URL showing
the pinout of the Palmpilot's DB25 connector, so I can repair the
broken cable?

Thanks

73
Jonathan KO6XS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

294. [htaprs] APRS vs Traditional Packet

From: jsd <ka0myg@199.3.25.3>
Date: Tue, 25 Jan 2000 21:38:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-62595-2000.01.25-21.34.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill,

re:
>There are a couple of die-hard packet users who are probably hostile to APRS.
>I'd like to be prepared to argue FOR APRS, not against traditional packet.

Traditional packet IS the best for transporting large amounts of data
from one point to another...BUT...

APRS IS the best for coordinating a large group of people (ie incident
command) where many people can be reached with one transmission and
everyone can monitor what is going on.

Each has it's place.

Kind of like cell phones vs amateur radio.

In one of our bikeathons, our sag wagons have both. Cell phones are
great for high volume point to point traffic, but the drivers LOVE the
amateur presence because they can keep up with the situation across the
entire course. They felt isolated without the Hams. Each has it's
place.

73 de ka0myg

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

295. [htaprs] Re: APRS vs Traditional Packet

From: Jon Ogden <jono@enteract.com>
Date: Tue, 25 Jan 2000 22:25:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62598-2000.01.25-22.20.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/25/00 9:38 PM, jsd at ka0myg@199.3.25.3 wrote:

>> There are a couple of die-hard packet users who are probably hostile to APRS.
>> I'd like to be prepared to argue FOR APRS, not against traditional packet.
>
>
> Traditional packet IS the best for transporting large amounts of data
> from one point to another...BUT...
>
> APRS IS the best for coordinating a large group of people (ie incident
> command) where many people can be reached with one transmission and
> everyone can monitor what is going on.

Why would a die-hard packet user be against APRS? Oh, I see.....it's the
old "Well that's the way we've always done it here before..." syndrome.

They are probably the same people who think that actually using a packet
frequency is called QRMing. After all, their MACHINES must talk to each
other. A living, breathing human being must never, ever key up on a packet
frequency and try to talk to someone else. That's QRM since it interferes
with their precious machines. And the absolute WORST kind of QRM anyone can
produce are <UI> packets.

Truth be told, we need BOTH kinds of packet operations: Traditional BBS and
APRS. We also need a third kind called DX-Clusters. What is really too bad
is that we can't use the same frequency for all of them. But then one WOULD
have QRM issues! :-)

I would never aruge AGAINST traditional packet. I would argue for BOTH.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

296. [htaprs] 9600 baud with TH-D7A

From: "Andy" <andy@transport.com>
Date: Tue, 25 Jan 2000 21:58:14 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-62604-2000.01.25-23.52.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just wondering what experiences people have had with using their D7 on 9600
 baud packet or with the PACSAT's? I am wanting to experiment with some
 different stuff here in the Portland, OR area besides APRS and 1200 baud
 packet.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

297. [htaprs] Re: Repairing a D7A cord to PalmPilot

From: Kevin Kelly <kmkelly@alltel.net>
Date: Wed, 26 Jan 2000 06:57:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62640-2000.01.26-05.51.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Give this url a try.

http://www.qsl.net/n6qab/microaprs.htm

Click on, "PalmIII serial cable pin out

73,
Kevin Kelly/N6QAB

Jonathan Kaplan wrote:

> My cable from the D7A computer port to the DB25 connector
> for the PalmPilot II broke. Can some point me to a URL showing
> the pinout of the Palmpilot's DB25 connector, so I can repair the
> broken cable?
>
> Thanks
>
> 73
> Jonathan KO6XS
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

298. [htaprs] Re: 9600 baud with TH-D7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 26 Jan 2000 08:20:51 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62642-2000.01.26-07.17.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 25 Jan 2000, Andy wrote:

> Just wondering what experiences people have had with using their D7 on 9600
> baud packet or with the PACSAT's?

It works great as a downlink monitor. Tune in to UO22 and you should be
able to receive the downlink with a small handheld UHF beam. But you
cannot uplink, because the TNC is not wired for crossband operation.
The D700, however, is.

We are hoping that some of the newer 9600 Baud PACSATS will eventually
enable digipeating for us. SO-35 and ASUSAT both have 9600 baud capabilty
that is uncommitted so far... and believe me, I have been asking them to
consider digipeat mode.   Then with the D700, at least, we could have
mobile APRS satellite communications...

If anyone has the D700 and is knowledgable about satellite operations,
lemme know...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

299. [htaprs] 9600 baud satelites

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 26 Jan 2000 09:05:44 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62649-2000.01.26-08.03.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Regarding the question about what can you hear with your 9600 baud THD7,
or D700 here is better answer:

UO22, KO23, KO25, TO31, and SO35(not yet activated)

and tonight's possible launch which may include:

---------- Forwarded message ----------
> > From: Rick Gilligan <rick@case.net>
> >
> > The next attempt at launching JAWSAT will be ... Wednesday evening
> > at 19:03 PST with a three hour extended launch window.

There should be a least 4 new 9k6 beacons from this launch.

Jawsat   437.070 and 437.175
Opal   437.100
ASUSAT   436.700? mhz

Please send any packets logged from Jawsat to n7sfi@amsat.org

During the 30 sec beacon 2 packets are sent. One at the start and another
just before it turns off. The time between packets can be used to tune in for
the last packet. The time between beacons if I remember right is 255 seconds
for one and 60 seconds on the other frequency.

73, Randy N7SFI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

300. [htaprs] Palm pin out details

From: "Steve Prior" <sprior@nfdc.net>
Date: Wed, 26 Jan 2000 09:44:35 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62650-2000.01.26-08.41.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a link for the details on the Hotsync connector from Palm.
Syeve
N3UYI

Dear Palm Device User,
> >
> > Thank you for using the Palm Support Assistant. We hope to provide you
> with a workable solution to your question.
> >
> > For pin details,you can visit our site at
> > http://www.palm.com/devzone/hw.html
> > which gives detailed information about pin details.

301. [htaprs] Re: APRS vs. Traditional Packet

From: Steve Bragg <steveb@skymaster.c2-tech.com>
Date: Wed, 26 Jan 2000 09:42:36 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62662-2000.01.26-09.36.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden wrote:

>Why would a die-hard packet user be against APRS? Oh, I see.....it's the
>old "Well that's the way we've always done it here before..." syndrome.

Right-o. Rather than treating communication as a means to an end, a
tool even, many traditionalists see it as the end, in itself. This
subtle difference in philosophy leads to stagnation and the rejection of
new communication "tools", like APRS and the Internet. And it isn't
limited to the traditional packet bunch. Even the beloved TH-D7A comes
under fire: "Cute toy, but see-double-you is how we pass traffic".

Don't believe me? Just search AltaVista for the term "Amateur
Telephone" and get our your fire suit. APRS is considered by many to be
the very embodiment of evil, and a consort with the enemy: the accursed
Internet, for which vitriol and Perdition is reserved. To wit:
http://home.texoma.net/~n5pvl/amtel.htm.

Now, this the APRS Hot Technology SIG, where we talk about leading edge
stuff in APRS. Which takes me to Jon's point: There are people who are
turned off by anything that is off the beaten ham path. APRS, by its
nature, tends to assimilate non-traditional techniques and technologies,
which makes it tabu for many closed-minded people.

How to counter this? It's tough, because you're going against a
philosophy that's pretty ingrained. You might try to speak of "nodes"
and "backbones" and other things familar to the traditional packet
crowd, and try to make APRS seem not so far off the beaten path. (And
don't mention the Internet!)

However, nearly all of the things which make APRS repugnant to
traditionalists enhance its ability to make it through when the going
gets tough. With APRS, if you can't get traffic through the terrestial
VHF path, there's Internet, satellites, HF, wireline, etc.

Now, please don't get any ideas that I think like this; many of you know
me, and know I embrace APRS fully. Sorry for the ramblings, but this
one's kind of close to me, as I know people personally who are like
this.

73 & Good Hunting,

Steve

--
Steve Bragg KA9MVA
ITULSA control op: www.c2-tech.com 10151
Find me with APRS! http://map.aprs.net/ka9mva-6
ICQ:29816109

HamHUD II for mobile APRS! http://www.c2-tech.com/~steveb/hamhud

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

302. [htaprs] expected MTBF on D7A

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Wed, 26 Jan 2000 09:56:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62665-2000.01.26-09.54.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello

Well I have the second straight D7A that has blown
its output on two meters. What's the deal with these?
My antenna has flat SWR, I have heard that this
is occurring. Has this been addressed as of yet?

I use mine while at work every day so it gets a
workout. Is it possible that the rig can't hold up to a
heavy duty cycle. I have an empty alkaline pack on the unit, with a
cigarette lighter powering the unit to full power. Again the antenna is
fine. Both have lasted about 3 weeks or a month.

Any ideas? Actually this is my third. First one wouldn't receive
data from the GPS.

Flip Minton N9AZZ
fminton@midwest.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

303. [htaprs] Re: expected MTBF on D7A

From: "Steven K. Ng" <skng@iex.net>
Date: Wed, 26 Jan 2000 08:11:07 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62668-2000.01.26-10.10.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I smoked the GPS connection on a D700A, Kenwood Tech Support
said that it is important to power down the radio and GPS prior to
connecting the cables. That's how they suspect I smoked the GPS
connection. They also said the you should shouldn't attempt a hot
connection on a D7A either.

Steven

At 9:56 -0600 1/26/2000, Richard \"Flip\" Minton wrote:
>Any ideas? Actually this is my third. First one wouldn't receive
>data from the GPS.
--
Steven Ng | If we bring a little joy into your hum drum lives, it
N6IQA | makes us feel as though our hard work ain't been in vain
skng@iex.net | for nothing -- Leena Lamont, Singin' in the Rain

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

304. [htaprs] RE: expected MTBF on D7A

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 26 Jan 2000 11:44:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62670-2000.01.26-10.41.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I hope this is not a wide spread problem, guess I had better get the bird
out and check the output on my D7.

 Are any of you guys and girls old enough to remember the first Kenwood HT
that had a display on it? I think it was a 7400 ? After that I never would
buy a Kenwood again until the D7 and D700 came out on the market.

   Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Richard "Flip" Minton [SMTP:fminton@midwest.net]
> Sent: Wednesday, January 26, 2000 10:57 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] expected MTBF on D7A
>
> Hello
>
> Well I have the second straight D7A that has blown
> its output on two meters. What's the deal with these?
> My antenna has flat SWR, I have heard that this
> is occurring. Has this been addressed as of yet?
>
> I use mine while at work every day so it gets a
> workout. Is it possible that the rig can't hold up to a
> heavy duty cycle. I have an empty alkaline pack on the unit, with a
> cigarette lighter powering the unit to full power. Again the antenna is
> fine. Both have lasted about 3 weeks or a month.
>
> Any ideas? Actually this is my third. First one wouldn't receive
> data from the GPS.
>

> Flip Minton N9AZZ
> fminton@midwest.net
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

305. [htaprs] Re: expected MTBF on D7A

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 26 Jan 2000 11:53:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62673-2000.01.26-10.50.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steven,

 Yes, this sounds like a ground return problem between the radio and the
GPS. The GPS connector being a mini phone jack could have mixed the data and
ground as you plugged in. If you are running the GPS on internal battery you
might get away with it. Good grounding is always important but hard to do in
a mobile or portable environment.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Steven K. Ng [SMTP:skng@iex.net]
> Sent: Wednesday, January 26, 2000 11:11 AM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] Re: expected MTBF on D7A
>
> When I smoked the GPS connection on a D700A, Kenwood Tech Support
> said that it is important to power down the radio and GPS prior to
> connecting the cables. That's how they suspect I smoked the GPS
> connection. They also said the you should shouldn't attempt a hot
> connection on a D7A either.
>
> Steven
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

306. [htaprs] Re: APRS vs. Traditional Packet

From: "Edward A. Behl" <ed@eabehl.com>
Date: Wed, 26 Jan 2000 12:50:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62681-2000.01.26-11.36.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, all -

Well, I'm new to the SIG and to APRS, and I don't think of myself as a
traditionalist or closed-minded, nor do I believe that is how I'm
perceived by my local peers, many of which are avid APRS'ers. However,
I'm still waiting for APRS to prove itself (to me) as a really
valuable technology.

Yes, I take a decidedly emergency comms view of a lot of things, trying
to figure out how I can use a particular tool toward that end. And I
fully acknowledge there are some great benefits of APRS tracker
capability during disaster response. But it is not the only digital
application or even the primary one I would consider valuable in

emergency comms, because it is not really a "communications"
application.

Perhaps what torqs "packet traditionalists" is the notion that APRS is
being billed as packet's successor, which it is not, and cannot be. APRS
as I see it, is a telemetry technology. It's great for unattended,
non-interactive applications of the "Just letting you know what's
happening here" variety. It works OK for passing short text messages,
but it is not viable as a point-to-point transport medium. For me, it is
not the sort of thing that engages you like a good news story, but is
more background data, like stock quotes. When you need some data in
particular, you go get it.

"Trafitional" packet was designed for an entirely different application
-- to move data across a network of packet nodes. To be fair, packet is
another "utility" application of radio, and admittedly, is no more
engaging than APRS after its novelty fades. Once dial-up access to the
Internet became widely available, packet's benefits were quickly
eclipsed by wireline access, and with its inherent bandwidth
limitations, it's doubtful packet will ever again achieve the popularity
it once enjoyed.

However, there are a couple things I believe can revive packet's
viability to some extent. One is to embrace TCP/IP, which would allow a
packet network to serve as a wireless extension of the Internet. Since
the Internet is ubiquitous among hams and non-hams alike, this could
promote the use of packet among hams, and allow its use to reach and be
reached by non-hams as well. And by emulating a technology which has
unquestionably established itself as a dominent force in society, packet
could continue to play a role in global message and data transport.

Secondly, I believe that any application that mimics or provides access
to an entrenched publicly-accepted technology such as the Internet or
public telephone network is inherently more valuable than one which has
a closed group of users and limited access or interest to the rest of
the population. Which may explain why APRS is still kind of an orphan.
To make APRS really viable, you have to gain the interest of the non-ham
population as well. If the novelty of APRS is appreciated primarily by
hams, I submit that it is not really APRS that is so wonderful
in-and-of-itself, but merely that it is another application of radio
that has its followers so enamored.

And maybe it's just me, but squirreling around with a laptop in the car,
which is the only real way you can benefit yourself from APRS
technology, is clunky, costly, and to some extent, just plain dangerous
while the vehicle is in motion. Even early reports from new D700 owners
don't sound particularly promising that we can eliminate the laptop
component. With limited display and user input (i.e. keyboard)
capability, a GPS and D700 by themselves don't sound like the answer.
And you still haven't answered my first question -- What inherent human
benefit does it (APRS) provide, anyway?

APRS seems most valuable as a fleet management tool. Where someone in a
central location can display the location of various in-motion vehicles
and personnel. I can see the value of this in emergency communications,
but it would never be a prioirty as far as establishing communications
capabilities in adverse conditions. And this underscores my initial
assertion -- APRS is not engaging, it's just kinda there. What makes it
engaging for a while, is the marriage of such strange bedfellows.

On the other hand, voice mode has inherent personal communications
value, and appeals to non-hams for what it provides, not how it works. I
believe packet has the same inherent value, in that it can transport
your message or data when you have something to send. You need not be
impressed by how it works to appreciate what it can do.

APRS in action is more like broadcasting the time of day, and you listen
only for a moment when you need to know what time it is. Yet the
broadcast is incessant, whether anyone is listening or not.

Finally, let me suggest viewing APRS in a different way. The explosion
of Internet access popularity is the result of a fundemental need by
society that was not being met previously (no, not the porn sites).
While e-mail alone is a HUGE draw for Internet access, I seriously doubt
whether most Internet subscribers would pay a monthly fee to see where
their family or friends are at any given moment or what the weather was
at their friend's house, even if they didn't have to make a substantial
investment in APRS hardware.

Just one man's opinion. I'm sure the flames are already on their way...

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

307. [htaprs] Rubber Duck "Experiment"

From: Ralph Milnes <milnes@openix.com>
Date: Wed, 26 Jan 2000 12:46:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-62685-2000.01.26-11.44.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Using an MFJ SWR Analyzer (MFJ-259B 1.8 to 170 MHz), I've been playing
with the 3 rubber ducks I have for my Kenwood TH-D7 dual band.

I won't pretend I'm an engineer and say the results below are accurate.
They aren't. But my imperfect results show:

A. On the stock Kenwood Dual Band rubber duck, a resonant frequency of
~159.0 MHz with a minimum SWR of ~1.0 to 1

B. With a Premier 17" dual band thin antenna (RD-98 SMA), a resonant
frequency of ~153.2 MHz with a minimum SWR of ~1.1 to 1

C. With a Premier 7" dual band thin antenna (RD-9 SMA), a resonant
frequency of ~146.0 MHz with a minimum SWR of ~1.0 to 1

There's a good chance I'm not conducting my experiments very
scientifically. Trying to take measurements was like trying to nail Jello
--- placement of the antenna, feedline, analyzer and *me* was a dance. So,
I know you won't be able to replicate my results -- heck, if I sneezed or
moved the feed line I couldn't replicate them. But the relative results
seemed to be about the same:

* I never could get the Kenwood to tune in the 2M ham band
* The small Premier seemed to do the best, in or near the ham band
* The tall Premier seemed to come out in the middle, but never quite in the
ham band.

Anyone else ever done any rubber duck testing similar to this? Comments or
advice?

Still learning,

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

308. [htaprs] RE: expected MTBF on D7A

From: "Edward A. Behl" <ed@eabehl.com>
Date: Wed, 26 Jan 2000 13:00:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62687-2000.01.26-11.46.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dwight L Hazen wrote:
> After that I never would buy a Kenwood again until the D7 and D700
> came out on the market.

Yikes -- I just agreed to buy a friend's D7 because he lost interest in
it after about a month. I have had constant problems with my TM-V7's
display (don't even get me going on that topic...). I just found out
that the D7's TNC is flakey in KISS mode, so I can't use it for TCP/IP
packet as I had really intended.

And now Kenwood has the nerve to start giving away the PG-4W package if
you buy a new D7! What about all of the earlier D7 buyers who supported

Kenwood while they rolled out their new product (and then promptly had
to recall them all to update the firmware).

I'm not a happy camper in the Kenwood park.

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

309. [htaprs] Re: APRS vs. Traditional Packet

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 26 Jan 2000 13:25:10 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62693-2000.01.26-12.22.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 26 Jan 2000, Steve Bragg wrote:

> >Why would a die-hard packet user be against APRS? Oh, I see.....it's the
> >old "Well that's the way we've always done it here before..." syndrome.
>
> Right-o. Rather than treating communication as a means to an end, a
> tool even, many traditionalists see it as the end, in itself.
>
> Don't believe me? Just go to http://home.texoma.net/~n5pvl/amtel.htm.

I did. Wow. What a diatribe. But his point is good in that we must
remain ever vigilant not to "depend" on the internet (locally)..
Fortunately, I think the marriage of "local" APRS to the internet is
mindful of the pitfalls and does continue to strive for RF first at the
local level (what APRS was designed to do), and links to the Internet to
"augment" it for the 99% of the time we are just having fun!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

310. [htaprs] RE: expected MTBF on D7A

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 26 Jan 2000 13:38:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62696-2000.01.26-12.35.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Edward A. Behl - KG4ALG:wrote
        I'm not a happy camper in the Kenwood park.

 Ed,

 I think you will enjoy the D7 no matter what! I have yet to send mine back
to Kenwood for firmware upgrade because I can not bear to have it out of my
hands for more that one hour. Its on all night long on my bed side table
faithfully displaying my home weather station data. I have run kiss using
Jnos and it seemed to work ok, but I did not have it hooked up for long so
problems may exists. I have used the DX cluster display and enjoy that. Is
the D7 perfect? no, but for the price its a good deal. I cant wait to see
what the next radio will do and from what vendor the super radio will come
from!

   Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

311. [htaprs] Re: [aprssig] Rubber Duck "Experiment"

From: Gary Hinton <ghinton@eng.mcd.mot.com>
Date: Wed, 26 Jan 2000 12:32:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-62699-2000.01.26-13.29.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph,

The TH-D7 is a dual band rig. Did you take any measurements for
the 440 band?

Gary

Ralph Milnes wrote:
>
> Using an MFJ SWR Analyzer (MFJ-259B 1.8 to 170 MHz), I've been playing
> with the 3 rubber ducks I have for my Kenwood TH-D7 dual band.
>
> I won't pretend I'm an engineer and say the results below are accurate.
> They aren't. But my imperfect results show:
>
> A. On the stock Kenwood Dual Band rubber duck, a resonant frequency of
> ~159.0 MHz with a minimum SWR of ~1.0 to 1
>
> B. With a Premier 17" dual band thin antenna (RD-98 SMA), a resonant
> frequency of ~153.2 MHz with a minimum SWR of ~1.1 to 1
>
> C. With a Premier 7" dual band thin antenna (RD-9 SMA), a resonant
> frequency of ~146.0 MHz with a minimum SWR of ~1.0 to 1
>
> There's a good chance I'm not conducting my experiments very
> scientifically. Trying to take measurements was like trying to nail Jello
> --- placement of the antenna, feedline, analyzer and *me* was a dance. So,
> I know you won't be able to replicate my results -- heck, if I sneezed or
> moved the feed line I couldn't replicate them. But the relative results
> seemed to be about the same:
>
> * I never could get the Kenwood to tune in the 2M ham band
> * The small Premier seemed to do the best, in or near the ham band
> * The tall Premier seemed to come out in the middle, but never quite in the
> ham band.
>
> Anyone else ever done any rubber duck testing similar to this? Comments or
> advice?
>
> Still learning,
>
> Ralph, KC2RLM

+--+
| Gary Hinton WB7AFP Phone: (602) 438-3450 |
| Product Engineering FAX: (602) 438-3836 |
| Motorola Computer Group Pager: (602) 244-3252 #2690 |
| 2900 S. Diablo Way e-mail: ghinton@eng.mcd.mot.com |
| Tempe, Arizona 85282 Mail Drop: DW278 |
+--+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

312. [htaprs] Re: [aprssig] Rubber Duck "Experiment"

From: Ralph Milnes <milnes@openix.com>
Date: Wed, 26 Jan 2000 14:42:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: aprssig@tapr.org, htaprs@lists.tapr.org
Message-ID: <LYR845-62701-2000.01.26-13.41.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gary asked:

>The TH-D7 is a dual band rig. Did you take any measurements for
>the 440 band?

No. The MFJ 259B will only test up to about 170 MHz, and I don't have
anything else. Sorry.

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

313. [htaprs] RE: expected MTBF on D7A

From: "Edward A. Behl" <ed@eabehl.com>
Date: Wed, 26 Jan 2000 15:04:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62702-2000.01.26-14.02.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dwight -

> I have run kiss using Jnos and it seemed to work ok, but I did not
> have it hooked up for long so problems may exists.

With the DOS version of JNOS, I can't seem to get the radio to send
data. The radio transmitter keys and you hear the initial tone, then it
turns back off. JNOS just keeps trying over and over, but the
transmitter never stays keyed long enough to send out a packet.

I have a hunch it may have to do with the fact that the D7 doesn't
supply a high DCD, DSR, or CTS line to the PC serial port. I can't find
where in the JNOS config that checking these lines might be enabled or
disabled. I could just loop outputs to inputs at the connector, but I'd
like to know what the real problem is first.

If you have any ideas, I would appreciate hearing them.

I don't really have anything against Kenwood, but I'm getting seveal
examples where quality assurance just seems to fall through the cracks.
The TM-V7 display has two strikes against it -- aside from the general
visibility complaints in bright daylight, the display drivers are
terribly heat sensitive, and sitting in a hot car, it's not unusual to
see several solid vertical lines in the display.

It seems the D7 is plagued with the same sloppy design -- finals that
blow prematurely, and firmware bugs that aren't disastrous, just a pain.

Thanks for the vote of confidence though. Other than the display, I love
the V7.

On another topic, the B side of the D7 will not tune outside of 144-148
when switched to VHF. (I'm not talking about Tx, I can't even select a
memory preset for the local weather service broadcast.)

Does anyone know of a software mod for this? If not, will the MARS mod
(clipping green wire) or the wide-open mod (removing diode chips) fix
it?

Many thanks,

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

314. [htaprs] Re: APRS vs. Traditional Packet

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 26 Jan 2000 17:04:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62713-2000.01.26-16.01.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/26/00 1:25 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> On Wed, 26 Jan 2000, Steve Bragg wrote:
>
>>> Why would a die-hard packet user be against APRS? Oh, I see.....it's the
>>> old "Well that's the way we've always done it here before..." syndrome.
>>
>> Right-o. Rather than treating communication as a means to an end, a
>> tool even, many traditionalists see it as the end, in itself.
>>
>> Don't believe me? Just go to http://home.texoma.net/~n5pvl/amtel.htm.
>
> I did. Wow. What a diatribe. But his point is good in that we must
> remain ever vigilant not to "depend" on the internet (locally)..
> Fortunately, I think the marriage of "local" APRS to the internet is
> mindful of the pitfalls and does continue to strive for RF first at the
> local level (what APRS was designed to do), and links to the Internet to
> "augment" it for the 99% of the time we are just having fun!
>
> de WB4APR, Bob

  OH ... Charles is rather infamous in the connected packet world for his
diatribes ... I would however point out that while he often has some good
points to make they get garbled as they try to get around the foam exuding
from his mouth ... one more point ... despite his firm stance about "No
Landline Lids!" It is via that same Internet Landline that he is getting his
point out! sigh!

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "The more you run over a dead cat, the flatter it gets!"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

315. [htaprs] Re: APRS vs. Traditional Packet

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Wed, 26 Jan 2000 17:21:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62724-2000.01.26-17.25.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think I started this one. A couple of weeks ago I announced plans to conduct
an APRS forum at the Jackson, MS Hamfest on Feb. 4-5 and asked for help. A
concern of mine was the possibility of getting into a debate ... and I don't
know enough about packet to know what I would be arguing about. My desire was
to make the case FOR APRS without putting down "traditional packet". I have
seen some very good points for each.

Anyway, in the meantime I have connected to the local bulletin board and gone
keyboard to keyboard with the sysop, one of the fellows I was concerned about.
He may be on this SIG, for all I know. I made sure he was aware of the Forum,
asked him to be sure to be present because of his expertise to help me field
questions, etc. I hope I have recruited an ally. I think he has the time - and
I know he has the experience - to become a huge asset to the APRS "movement".

Bob, Ed, Jon, Steve, John - it is helpful to me to be able to point out where
each application excels. Thanks for that. I'm all for my friend rejuvenating
interest in packet. APRS will get some spill over from that. I got into APRS
first - now I know how to connect to a BBS with Hyperterminal!

I'm still accepting suggestions for the forum. The idea is to define what it
is, for the benefit of those who don't know anything, and then facilitate a
discussion of what we, in Mississippi and the surrounding states, can do to
build on what we have. I can assure all of you that I will report the event
here as well as at http://www.jxnarc.org as soon as I can.

By the way , you are ALL invited to our Hamfest.

73, de Bill, KM5GE
bmclarty@trustmark.com = km5ge@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

316. [htaprs] DH7A question....

From: Paul Breed <Paul@rasdoc.com>
Date: Wed, 26 Jan 2000 18:36:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62725-2000.01.26-17.30.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm in the process of putting a small APRS tracker in a large RC sailplane.

I need to purchase the parts for the other end of the link.
I'm thinking about the DH7A

Can I set the DH7A to only display APRS data from one source?

If it is displaying the data from that source will it also display
range/bearing (Assuming it is also hooked up to a GPS)?

If I want to include telemetry from the plane.... will the DH7A display that?

Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

317. [htaprs] APRS Capability question....

From: Paul Breed <Paul@rasdoc.com>
Date: Wed, 26 Jan 2000 18:45:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62727-2000.01.26-17.40.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have several questions about using APRS in a different way.

I'm in the process of putting a small APRS tracker in a large RC sailplane.

I've heard of people using the MicroPLL modules to send APRS data, how does the
unit know when it is clear to transmit?

How does APRS avoid collisions?

If I am using a transmitter transmitting in the blind, (Like the microPLL)
how often can I send a single UI telemetry frame and not abuse the APRS system?

If I am using a full up transceiver in the plane and only transmit when the
channel is clear how often can I send telemetry and not abuse the system?

If one wanted to send rapid telemetry, every 5 secs , for an hour what band
would anyone suggest so as to not be annoying?

Thanks for your input

Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

318. [htaprs] TM-D700A

From: "Larry (Woody) Bateman" <lwoody@micron.net>
Date: Wed, 26 Jan 2000 17:04:54 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62730-2000.01.26-18.02.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Okay....I'm ready to purchase a TM-D700A. Who has the best prices?

==========
Larry (Woody) Bateman
Amatuer callsign: KB7WWP
Web Page: http://netnow.micron.net/~lwoody
Email: lwoody@micron.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

319. [htaprs] Re: TM-D700A

From: "Dr. Rick Olsen" <n6nr@email.msn.com>
Date: Wed, 26 Jan 2000 16:37:25 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62733-2000.01.26-18.34.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave at Radio Depot in Seattle has them for sale at $669.00. I think most of the dealers are selling them at $679.00. Dave is also one of the few guys who truly does stand behind the stuff he sells. You can call him toll-free at 800.291.9167. You may even get him to kick in the shipping for free.

73 de Rick, N6NR

----- Original Message -----
From: "Larry (Woody) Bateman" <lwoody@micron.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, January 26, 2000 4:04 PM
Subject: [htaprs] TM-D700A

> Okay....I'm ready to purchase a TM-D700A. Who has the best prices?
>
> ==========
> Larry (Woody) Bateman
> Amatuer callsign: KB7WWP
> Web Page: http://netnow.micron.net/~lwoody
> Email: lwoody@micron.net
>
>
>
> ---
> You are currently subscribed to htaprs as: n6nr@email.msn.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

320. [htaprs] B side of TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Wed, 26 Jan 2000 18:40:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62734-2000.01.26-18.35.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/26/00 2:04 PM, Edward A. Behl at ed@eabehl.com wrote:

> On another topic, the B side of the D7 will not tune outside of 144-148
> when switched to VHF. (I'm not talking about Tx, I can't even select a
> memory preset for the local weather service broadcast.)

That is correct. On the B band the TH-D7A will ONLY tune in the 2M ham band. It does NOT have extended coverage there.

If you want extended VHF coverage plus APRS, then you can put APRS in the B band and do your VHF stuff in the A band.

73,

Jon

KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

321. [htaprs] Re: expected MTBF on D7A

From: Jon Ogden <jono@enteract.com>
Date: Wed, 26 Jan 2000 18:44:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62735-2000.01.26-18.39.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/26/00 9:56 AM, Richard "Flip" Minton at fminton@midwest.net wrote:

> Well I have the second straight D7A that has blown
> its output on two meters. What's the deal with these?
> My antenna has flat SWR, I have heard that this
> is occurring. Has this been addressed as of yet?
>
> I use mine while at work every day so it gets a
> workout. Is it possible that the rig can't hold up to a
> heavy duty cycle. I have an empty alkaline pack on the unit, with a
> cigarette lighter powering the unit to full power. Again the antenna is
> fine. Both have lasted about 3 weeks or a month.
>
> Any ideas? Actually this is my third. First one wouldn't receive
> data from the GPS.

I bought my TH-D7A at Dayton last year. It went into my car and ran as my
tracker. I used it continually bleeping packets every two minutes all day
long and sometimes all night long when I forgot to turn it off. Other than
the problem of the APRS software in it sometime mysteriously locking up, it
has never had a problem.

The only reason I stopped using it as my tracker is that I bought the
TM-D700A and now use it.

Believe me, I used it a LOT. It was also my 2M voice radio at the same time
as it was the APRS tracker.

I believe the radio is of a good design and is a very good quality rig. I
am sorry that you got a couple of bad ones. Are you in an environment of
potentially high static discharge or other possible strong sources of
possible EMI?? Maybe that is damaging it? Or perhaps your voltage source
supplying power to the rig has ripples or peaks above the radios maximum
voltage spec?

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

322. [htaprs] Re: TM-D700A

From: Jon Ogden <jono@enteract.com>
Date: Wed, 26 Jan 2000 18:49:08 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62736-2000.01.26-18.44.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/26/00 6:04 PM, Larry (Woody) Bateman at lwoody@micron.net wrote:

> Okay....I'm ready to purchase a TM-D700A. Who has the best prices?

AES has them for $679.

I think some outfit in Nevada has them for $649 or something? I think that
was the cheapest. Check out the archives of the ht-aprs list. There was
plenty discussion about a month ago when the radio first came out and who
has it at what price.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

323. [htaprs] Re: TM-D700A

From: kevin <kmkelly@alltel.net>
Date: Wed, 26 Jan 2000 19:59:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62738-2000.01.26-18.49.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Denver Radio (located in PA) $649.00 www.denverradio.com

Kevin/N6QAB

"Larry (Woody) Bateman" wrote:

> Okay....I'm ready to purchase a TM-D700A. Who has the best prices?
>
> ==========
> Larry (Woody) Bateman
> Amatuer callsign: KB7WWP
> Web Page: http://netnow.micron.net/~lwoody
> Email: lwoody@micron.net
>
> ---
> You are currently subscribed to htaprs as: kmkelly@alltel.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

324. [htaprs] Re: [aprssig] Rubber Duck "Experiment"

From: Dr Samuel Guccione <sguccion@outland.dtcc.edu>
Date: Wed, 26 Jan 2000 20:53:36 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-62753-2000.01.26-19.50.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph,

How about providing some details about your "experiments". Making valid
antenna tests is very difficult. As a former antenna engineer, I have
experienced very strange results in my own experiments.

For example, did you use a half wave length or multiple of a half wave
length of feedline to the duck(s)? Ducks are "designed" to work against
the body of the handheld and I would suppose the human attached to it as
well. I hope you see the point I am making.

Just for interest, try your ducks on a sheet of metal that is several
wavelenghts in size. When I made professional antenna measurements for
antennas such as ducks I had access to a 10 wavelength ground plane (sheet
of metal).

Interesting information though.

Sam

On Wed, 26 Jan 2000, Ralph Milnes wrote:

> Using an MFJ SWR Analyzer (MFJ-259B 1.8 to 170 MHz), I've been playing
> with the 3 rubber ducks I have for my Kenwood TH-D7 dual band.
>
> I won't pretend I'm an engineer and say the results below are accurate.
> They aren't. But my imperfect results show:
>
> A. On the stock Kenwood Dual Band rubber duck, a resonant frequency of
> ~159.0 MHz with a minimum SWR of ~1.0 to 1
>
> B. With a Premier 17" dual band thin antenna (RD-98 SMA), a resonant
> frequency of ~153.2 MHz with a minimum SWR of ~1.1 to 1
>
> C. With a Premier 7" dual band thin antenna (RD-9 SMA), a resonant
> frequency of ~146.0 MHz with a minimum SWR of ~1.0 to 1
>
>
> There's a good chance I'm not conducting my experiments very
> scientifically. Trying to take measurements was like trying to nail Jello
> --- placement of the antenna, feedline, analyzer and *me* was a dance. So,
> I know you won't be able to replicate my results -- heck, if I sneezed or
> moved the feed line I couldn't replicate them. But the relative results
> seemed to be about the same:
>
> * I never could get the Kenwood to tune in the 2M ham band
> * The small Premier seemed to do the best, in or near the ham band
> * The tall Premier seemed to come out in the middle, but never quite in the
> ham band.
>
> Anyone else ever done any rubber duck testing similar to this? Comments or
> advice?
>
> Still learning,
>
> Ralph, KC2RLM
>
>
> ---
> You are currently subscribed to aprssig as: SGUCCION@OUTLAND.DTCC.EDU
> To unsubscribe send a blank email to leave-aprssig-2575I@lists.tapr.org
>
>

****
Dr. Sam Guccione   Delaware Technical & Community College
Chair Engineering   Terry Campus
Technologies/Physics   1832 North duPont Highway
302-741-2802   Dover, DE 19901
ARS K3BY   302-741-2837 Fax
****
        Delaware Rockets For Schools Payload Home Page
           http://www.dtel.terry.dtcc.edu/~rocket
****

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

325. [htaprs] Re: APRS vs. Traditional Packet

From: Randy <ka0azs@commkey.net>
Date: Wed, 26 Jan 2000 21:01:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62762-2000.01.26-19.58.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings All,

Not a flame, just my perspective.

My primary interest is Emergency communications/Public Service as well. I wouldn't still be in amateur radio if all there was to do was paper chasing and rag chewing. As some one who works in the computer industry, I was never interested in packet because it was too bloody much like I did for a living. I used ham radio to get away from computers. I never even considered getting a TNC until I found out about APRS.

For me, this was the first interesting use of a TNC that I had found.
>From this, I've started moving into helping get packet comms integrated into our local emergency operations, in addition to integrating APRS.

During the last SET, I was able to put out APRS bulletins letting folks know what nets were active and status of the SET. We also tried point to point comms and finally got -one- link established. (since then we've gotten a wide area packet digipeater into operation).

One last point, I've had several non-ham friends look at APRS and think that it was "neat". They would have looked at packet and said "so what?" I hoping to use this to get one or two of them interested in getting a license.

Bottom line, "traditional" packet, and APRS are complementary and when combined can have a synergistic effect on daily and emergency operations. It's not either-or.

73

--
Randy Allen, KAØAZS
Asst. EC Montgomery CO Ohio
OH Dist. 3 ARES Web Page:
http://www.cmplus.com/public/hamd3.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

326. [htaprs] Re: Rubber Duck "Experiment"

From: Jon Ogden <jono@enteract.com>
Date: Wed, 26 Jan 2000 21:46:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62803-2000.01.26-21.41.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/26/00 11:46 AM, Ralph Milnes at milnes@openix.com wrote:

>
> There's a good chance I'm not conducting my experiments very
> scientifically. Trying to take measurements was like trying to nail Jello
> --- placement of the antenna, feedline, analyzer and *me* was a dance. So,
> I know you won't be able to replicate my results -- heck, if I sneezed or
> moved the feed line I couldn't replicate them. But the relative results
> seemed to be about the same:
>
> * I never could get the Kenwood to tune in the 2M ham band
> * The small Premier seemed to do the best, in or near the ham band
> * The tall Premier seemed to come out in the middle, but never quite in the
> ham band.
>
> Anyone else ever done any rubber duck testing similar to this? Comments or
> advice?

The problem with measuring the impedance of a rubber duck is that it is really designed to be on a ground plane. When on the radio, the radio is

the ground plane (along with your body!). You mentioned you had feedline.
Adding a piece of feedline in there will affect the results. The most
accurate way to do it would be to get an SMA to PL-259 adapter and put the
bugger right on the analyzer. You will also need to stand clear of it when
reading the results as the fact of your body being next to the duck will
affect it's impedance. In the same way when you were measuring it before,
if you had the duck lying on your table, that will affect things as well.
For optimum measurements, the duck really needs to be extended into free
space.

And in reality, rubber ducks usually have HORRIBLE impedance matches.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

327. [htaprs] Re: expected MTBF on D7A

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 26 Jan 2000 23:29:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62814-2000.01.26-22.26.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/26/00 7:44 PM, Jon Ogden at jono@enteract.com wrote:

> I bought my TH-D7A at Dayton last year. It went into my car and ran as my
> tracker. I used it continually bleeping packets every two minutes all day
> long and sometimes all night long when I forgot to turn it off. Other than
> the problem of the APRS software in it sometime mysteriously locking up, it
> has never had a problem.
>
> The only reason I stopped using it as my tracker is that I bought the
> TM-D700A and now use it.
>
> Believe me, I used it a LOT. It was also my 2M voice radio at the same time
> as it was the APRS tracker.

 I bought mine in the early March and it has been used (and abused) in
exactly the same fashion and it still perks along like a champ. I have to
believe something else is at work here.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Fate favors the prepared mind." (from "Under Siege 3")

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

328. [htaprs] D7A help

From: "Adrian Brookes" <adrianbrookes@hotmail.com>
Date: Wed, 26 Jan 2000 23:43:01 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62815-2000.01.26-22.39.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bought a D7A today - great little rig and appears to
be working fine in APRS mode (no GPS).

BUT... I don't show up on the www.aprs.net:8000/[callsign]
internet site.

I'm guessing that by choosing the internal position setting
option as opposed to using a GPS, that the string sent
out by the D7A isn't compatible with the list of strings
on the internet server display site.

Am I right or anybody got any ideas to try?

By the way, I usually use [callsign]-9 with my other
tracker but am using ve3rhk-9 plus the car symbol on
the D7A - perhaps what I'm transmitting is actually
ve3rhk-9-9????

Adrian

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

329. [htaprs] Re: D7A help

From: Jon Ogden <jono@enteract.com>
Date: Thu, 27 Jan 2000 00:27:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62829-2000.01.27-00.22.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/26/00 10:43 PM, Adrian Brookes at adrianbrookes@hotmail.com wrote:

>
> Bought a D7A today - great little rig and appears to
> be working fine in APRS mode (no GPS).
>
> BUT... I don't show up on the www.aprs.net:8000/[callsign]
> internet site.

Hi Adrian,

I just checked the MAP.APRS.NET/VE3RHK-9 URL and you showed up!

The report was received 33 minutes, 32 seconds ago. You are on Alta Drive
between Vandallia and Deauville Streets in what appears to be Las Vegas.

Looks like your new toy is working FB.

No you aren't transmitting your -9 twice.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

330. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: Doug Bade <doug@clecom.com>
Date: Thu, 27 Jan 2000 14:25:22 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62852-2000.01.27-08.22.28--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I saw my output drop off on my d7a, and while investigating the source, I put an sma to bnc adapter on to connect to test equipment.

What I discovered was if the sma connector was tight, no rf out(low.. very low), and as I loosened it the power jumped up to rated power. On further investigation I found the center pin of the antenna JACK (socket) was expanded out enough that when I tightened (straightened) the sma, it would break contact. I never connected anything large pinned to the center pin, so I suspected it was expanded when I bought it and since. As a radio tech commercially I decided to dissect and see what was up. After dis-assembling this radio (sorry Kenwood).. I found that the center pin (female) was clearly oversized for proper mating to antenna male. AFTER REMOVING assembly and removing center pin from assembly, I squished the center pin CAREFULLY back together and re-assembled the radio further testing indicates that was all the problem was.

Clearly the pin was physically distorted when you look at the pin itself.BUT we are talking MILS here... very tight tolerances...

Maybe part of the testing caused this, maybe even I caused this, as I was using another antenna, and had connected SMA adapters before.. but this was the root of my problem..

I have heard lots of complaints of 2m deafness and poor TX with the factory antenna. Most blame is the antenna. Mine was deaf also and poor TX too. I used an mfj whip since last march. BUT when I use the factory antenna since I fixed that JACK on the radio all is as it should be. I am only using the factory whip.

A quick test to verify if the antenna socket is the culprit is to set 2m rx to something strong like NOAA weather or such and see if loosening and wiggling the sma connection causes make break (on the s meter or audibly). At one thread turn it should not.

WIGGLE gently, do not make a problem where there is not one. TX always manifests itself FIRST as the dropout was like 40db.. but the S meter will show if you do have a problem RXing with the connection.. Tightening it to firmly seated definitely caused mine to cut out...

This is just a test, I do not nor would KENWOOD, condone you opening your radio and servicing it even if you are Qualified.. If you kill yours you will probably void your warranty, I am just impatient enough to take a look first, then get it serviced if I cannot find the trouble..

You are hereby forewarned..... :-) Doug Bade KB8GVQ

>on 1/26/00 7:44 PM, Jon Ogden at jono@enteract.com wrote:
>
>> I bought my TH-D7A at Dayton last year. It went into my car and ran as my
>> tracker. I used it continually bleeping packets every two minutes all day
>> long and sometimes all night long when I forgot to turn it off. Other than
>> the problem of the APRS software in it sometime mysteriously locking up, it
>> has never had a problem.
>>
>> The only reason I stopped using it as my tracker is that I bought the
>> TM-D700A and now use it.
>>
>> Believe me, I used it a LOT. It was also my 2M voice radio at the same time
>> as it was the APRS tracker.
>
> I bought mine in the early March and it has been used (and abused) in
>exactly the same fashion and it still perks along like a champ. I have to
>believe something else is at work here.
>
>--
>Brian B. Riley --> http://members.macconnect.com/~brianbr
> For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>
>
> "Fate favors the prepared mind." (from "Under Siege 3")
>
>
>
>---
>You are currently subscribed to htaprs as: doug@clecom.com

>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Doug Bade
doug@clecom.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

331. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: Jon Ogden <jono@enteract.com>
Date: Thu, 27 Jan 2000 09:04:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62857-2000.01.27-09.00.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/27/00 08:25, Doug Bade at doug@clecom.com wrote:

> Clearly the pin was physically distorted when you look at the pin
> itself.BUT we are talking MILS here... very tight tolerances...
>
> Maybe part of the testing caused this, maybe even I caused this, as I was
> using another antenna, and had connected SMA adapters before.. but this was
> the root of my problem..

This is why I reallly dislike the current trend in radios to go with SMA connectors. The SMA connector is NOT designed for the abuse that a handheld experiences. It was designed to be connected ONCE and left in place. I can very easily see that if you had a big SMA to BNC adapter connected to your radio and an RG-58 cable coming off of that, you are putting a HUGE strain on your SMA on your radio (I don't know what you had, but....)....

NEVER, ever have a big connector hanging off your SMA on the radio. The lateral strain could quite easily cause the center pin to distort. The SMA is a very delicate connector.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

332. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 27 Jan 2000 10:40:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62861-2000.01.27-09.38.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I first got my D7A I went to a hardware store and found a "O" ring just the right size to fit on the SMA connector, it fits into the radio case around the connector and acts a cushion and seal to keep the antenna tight.

I just looked at the inside of the connector as I am sure many of you just have.. and I see small chips of metal on the insulating part of the connector! The center connector looks ok by the eyeball test. Got to clean out the connector, I figure the metal comes from the threads. SMA might not be the best connector for HT's. Can you say BNC? But I have worn them out on HT's also.

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

333. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Thu, 27 Jan 2000 10:41:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62862-2000.01.27-09.38.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

AMEN!

I've used both SMA<->PL259 and SMA<->BNC<->PL-259 setups, and have noticed when I tighten the connectors down that I lose Rx. I didn't even try to Tx, figuring that I would screw up the finals. I have *three* D7s and they all exhibit this behavior.

Don't misunderstand me, this is an excellent radio, with the exception of the choice of antenna connector. Maybe if Kenwood hears enough negative feedback about SMA, they'll reconsider and go back to BNC for The Next Big Thing in Handhelds. I'd have gladly paid an extra $5-$10 (!) to get a BNC connector on the D7.

(I wonder if this is a conspiracy with the antenna manufacturers? You know like why there's eight hot dog buns in a back, but ten hot dogs in a pack! <bg> ;-)

Yeah, I know, I'm whining. I'll stop now. :-)

-Rob
KZ5RW

-----Original Message-----
From: bounce-htaprs-3572@lists.tapr.org
[mailto:bounce-htaprs-3572@lists.tapr.org]On Behalf Of Jon Ogden

This is why I reallly dislike the current trend in radios to go with SMA connectors. The SMA connector is NOT designed for the abuse that a handheld experiences. It was designed to be connected ONCE and left in place. I can very easily see that if you had a big SMA to BNC adapter connected to your radio and an RG-58 cable coming off of that, you are putting a HUGE strain on your SMA on your radio (I don't know what you had, but....)....

NEVER, ever have a big connector hanging off your SMA on the radio. The lateral strain could quite easily cause the center pin to distort. The SMA is a very delicate connector.

73,

Jon
KE9NA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

334. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: Doug Bade <doug@clecom.com>
Date: Thu, 27 Jan 2000 11:19:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62878-2000.01.27-10.15.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually no I never did but a clearly agree with your comments. Of all the antenna connectors for portables and mobiles.. I prefer the tnc as even the bnc gets loose due to mechanical stress... but the tnc holds tight.. HOWEVER.. the stress now moves to the radio and usually breaks the case etc... (Icom U16) etc..... Kind of a no win situation on plastic radio's ..

A male pin connector on the radio, with a female socket pin on the antenna
may be a solution in the long run as the wear would then move to the
disposable part (the antenna)....E(GE) actually uses molded plastic
antenna's on the public safety stuff.. this mount uses a lateral spring
loaded friction connection to the center pin.. Survivability is excellent.
Radio Case is metal, with threads for antenna. when the antenna breaks off
(as they do).. just chase the threads after removing stub and off you go...
the center pin never takes internal damage... Big problem is you need a
40.00 adapter to hook up external antenna or test equipment !!!!! oh well
another trade-off. ...

In this case I can say I did not cause said problem with anything
oversized, but suspect in the manufacturing process or testing may have
been amuck..... It sounds like this may be adding to some other peoples
troubles.... just a guess.....

At 09:04 AM 01/27/2000 -0600, you wrote:
>on 1/27/00 08:25, Doug Bade at doug@clecom.com wrote:
>
>> Clearly the pin was physically distorted when you look at the pin
>> itself.BUT we are talking MILS here... very tight tolerances...
>>
>> Maybe part of the testing caused this, maybe even I caused this, as I was
>> using another antenna, and had connected SMA adapters before.. but this was
>> the root of my problem..
>
>This is why I reallly dislike the current trend in radios to go with SMA
>connectors. The SMA connector is NOT designed for the abuse that a handheld
>experiences. It was designed to be connected ONCE and left in place. I can
>very easily see that if you had a big SMA to BNC adapter connected to your
>radio and an RG-58 cable coming off of that, you are putting a HUGE strain
>on your SMA on your radio (I don't know what you had, but....)....
>
>NEVER, ever have a big connector hanging off your SMA on the radio. The
>lateral strain could quite easily cause the center pin to distort. The SMA
>is a very delicate connector.
>
>73,
>
>Jon
>KE9NA
>
>---
>The Second Amendment is NOT about duck hunting!
>
>
>Jon Ogden
>
>jono@enteract.com
>www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

335. [htaprs] Re: htaprs digest: January 26, 2000

From: "Neil ke6ncx" <ke6ncx@hotmail.com>
Date: Thu, 27 Jan 2000 09:06:35 PST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62885-2000.01.27-11.03.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Richard \"Flip\" Minton" <fminton@midwest.net> wrote:
> Well I have the second straight D7A that has blown
> its output on two meters. What's the deal with these?
> My antenna has flat SWR, I have heard that this
> is occurring. Has this been addressed as of yet?
[snip]
> Any ideas? Actually this is my third. First one wouldn't receive
> data from the GPS.

Mine asted about a year. I've been meanig to send it in to be fixed...

Neil Fullagar KE6NCX

_____

Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

336. [htaprs] Re: [aprssig] Rubber Duck "Experiment"

From: jfkorenz@goodyear.com
Date: Thu, 27 Jan 2000 13:49:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62913-2000.01.27-12.45.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,
     Well here is what I did on my lunch hour. I got to use
the "new" HP 8752C network analyzer on an assortment of HT
antennas

Kenwood TH-D7A antenna

max resonance at 160 MHz return loss = 9.5 DB SWR= 2.0
144   2 DB SWR 8.7
145   2.3 DB SWR 7.8
146 2.5 DB SWR 7.0
147 2.7 DB SWR 6.5
148 3.0 DB SWR 5.8

max resonance at 312 MHZ return loss = 7.5 DB SWR = 2.5
420 2 DB SWR 8.7
430 2 DB SWR 8.7
440 2 DB SWR 8.7
450 2 DB SWR 8.7

COMET SMA 503 DUAL BAND ANTENNA

max resonance at 151 MHz return loss = 4.2 DB SWR = 4.2
144 3.2 DB SWR 5.6
145 3.5 DB SWR 5.0
146 3.5 DB SWR 5.0
147 3.6 DB SWR 5.6
148 3.7 DB SWR 4.8

max resonance at 460 MHz return loss = 20 DB SWR = 1.22
420 6 DB SWR 3.1
430 7 DB SWR 2.6
440 9.2 DB SWR 2.05
450 12.5 DB SWR 1.62

ICOM FA-S270B SMA TRI-BAND ANTENNA FROM T8-A

max resonance at 146.3 MHz return loss = 18 DB SWR=1.288
144 6 DB SWR 3.1
145 9 DB SWR 2.1
146 17 DB SWR 1.329
147 12 DB SWR 1.67
148 6 DB SWR 3.1

max resonance at 380 MHZ return loss = 13.8 SWR=1.5
420 5.2 DB SWR = 3.4
430 5.2 DB SWR = 3.4
440 5 DB SWR = 3.57
450 4 DB SWR = 4.4

max resonance at 52 MHz return loss = 35 DB SWR = 1.036
10 DB (SWR=1.92) at 51.9 MHz and 52.3 MHz
5 DB (SWR=3.57) at 51.6 MHz and 52.5 MHz

ICOM FA-1443B BNC ANTENNA for 24-AT

max res at 141.5 MHz return loss = 13.5 DB SWR=1.54
144 9 DB SWR=2.1
145 7 DB SWR= 1.53
146 5.5 DB SWR= 3.3
147 4 DB SWR= 4.4
148 3.2 DB SWR=5.55

max resonance at 360 MHz return loss= 10 DB SWR = 1.9
420 3.8 DB SWR=4.6

430 3.8 DB SWR= 4.6
440 3.2 DB SWR= 5.55
450 3.0 DB SWR= 5.85

All tests were done using a set of unidapters to connect the antenna
to the "N" connector on the instrument. The unit was placed on a
wood table at least 3 feet from any conductive surface. Readings
were affected less than 1 DB by hand motion nearer than 2 feet.
I was out of that circle when recording the readings.
     As a aside, I measured the Kenwood antenna at home
last night with an MFJ analyzer and got a center freq of 161 MHz
with an SWR of 1:1. That has been my previous experience,
that the freq of resonance is good, but the SWR tends to be
higher than the MFJ reports. Also, the MFJ said the best SWR
in the ham band was at 148 with an SWR of 1:3.
     Hope this helps,
     Jim Korenz   N8PXW

Gary Hinton <ghinton@eng.mcd.mot.com>@lists.tapr.org on 01/26/2000 02:32:38
PM

Sent by: bounce-htaprs-10283@lists.tapr.org

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
      htaprs@lists.tapr.org
Subject: [htaprs] Re: [aprssig] Rubber Duck "Experiment"

Ralph,

The TH-D7 is a dual band rig. Did you take any measurements for
the 440 band?

Gary

Ralph Milnes wrote:
>
> Using an MFJ SWR Analyzer (MFJ-259B 1.8 to 170 MHz), I've been playing
> with the 3 rubber ducks I have for my Kenwood TH-D7 dual band.
>
> I won't pretend I'm an engineer and say the results below are accurate.
> They aren't. But my imperfect results show:
>
> A. On the stock Kenwood Dual Band rubber duck, a resonant frequency of
> ~159.0 MHz with a minimum SWR of ~1.0 to 1
>
> B. With a Premier 17" dual band thin antenna (RD-98 SMA), a resonant
> frequency of ~153.2 MHz with a minimum SWR of ~1.1 to 1
>
> C. With a Premier 7" dual band thin antenna (RD-9 SMA), a resonant
> frequency of ~146.0 MHz with a minimum SWR of ~1.0 to 1
>
> There's a good chance I'm not conducting my experiments very
> scientifically. Trying to take measurements was like trying to nail Jello
> --- placement of the antenna, feedline, analyzer and *me* was a dance.
So,
> I know you won't be able to replicate my results -- heck, if I sneezed or
> moved the feed line I couldn't replicate them. But the relative results
> seemed to be about the same:
>
> * I never could get the Kenwood to tune in the 2M ham band
> * The small Premier seemed to do the best, in or near the ham band
> * The tall Premier seemed to come out in the middle, but never quite in
the
> ham band.
>
> Anyone else ever done any rubber duck testing similar to this? Comments
or
> advice?
>
> Still learning,
>

> Ralph, KC2RLM

```
+------------------------------------------------------------------+
| Gary Hinton   WB7AFP               Phone: (602) 438-3450         |
| Product Engineering                  FAX: (602) 438-3836         |
| Motorola Computer Group            Pager: (602) 244-3252  #2690  |
| 2900 S. Diablo Way                e-mail: ghinton@eng.mcd.mot.com |
| Tempe, Arizona 85282           Mail Drop: DW278                  |
+------------------------------------------------------------------+
```

You are currently subscribed to htaprs as: jfkorenz@goodyear.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

337. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: Jon Ogden <jono@enteract.com>
Date: Thu, 27 Jan 2000 14:21:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62916-2000.01.27-14.16.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/27/00 09:41, Rob Wittner at rmw@rwa-inc.com wrote:

> Don't misunderstand me, this is an excellent radio, with the exception of
> the choice of antenna connector. Maybe if Kenwood hears enough negative
> feedback about SMA, they'll reconsider and go back to BNC for The Next Big
> Thing in Handhelds. I'd have gladly paid an extra $5-$10 (!) to get a BNC
> connector on the D7.

Actually, don't tighten the SMA's too much. SMAs are ALSO designed to be
properly fitted to their mating connector with a torque wrench. Too much
tightening is as bad or worse as not enough. In the absense of a torque
wrench, just make it snug. No need for it to be TIGHT.

As for BNC connectors, they are FAR cheaper than SMAs. So you wouldn't pay
more. Why are SMAs used? A little smaller and it's a marketing gimmic.

I doubt they'll take it away and go back to BNCs. All of the new handhelds
are coming out with SMAs from all the manuf.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

338. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: Jon Ogden <jono@enteract.com>
Date: Thu, 27 Jan 2000 15:34:56 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62917-2000.01.27-15.30.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/27/00 09:40, Hazen, Dwight L at hazen@indiana.edu wrote:

> I just looked at the inside of the connector as I am sure many of you just
> have.. and I see small chips of metal on the insulating part of the

> connector! The center connector looks ok by the eyeball test. Got to clean
> out the connector, I figure the metal comes from the threads. SMA might not
> be the best connector for HT's. Can you say BNC? But I have worn them out on
> HT's also.

Actually the center pins of most SMA connectors are gold plated. The gold
is what flakes off that you can see. It is an abrasive fit between the
center pin and the center jack.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

339. [htaprs] PocketAPRS and TM-D700

From: "Michael Malloy" <malloy@execpc.com>
Date: Thu, 27 Jan 2000 16:54:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62921-2000.01.27-16.51.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can you use pocketAPRS with the new Kenwood TM-D700.

_____
Email: Michael Malloy malloy@execpc.com
QTH: Whitefish Bay, WI
Amateur Radio: N9WJV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

340. [htaprs] APRStk Tracking program

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 27 Jan 2000 18:00:52 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: aprsnews@tapr.org, htaprs@tapr.org
Message-ID: <LYR845-62925-2000.01.27-16.58.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With 4 new HAM satellites launched last night, and "potential" for mobile
satellite communications using the new Kenwood 1200/9600 baud DATA radio,
I added satllite tracking to APRS so you can not only see all your buddies
on the map, but the satellites as well..(they're everywhere).

APRStk has these new commands for satellite displays:

```
OPS-SATS        Draws a time line showing the next 2.5 hrs of passes
OPS-PREDICT     Goes faster than real time to see satllite movement
INPUT-KEPS      Allows you to update your KEPS from a text file (Y2K-OK)
INPUT-TIME      Moves forward in TIME for another 2.5 hour view
LIST-KEPS       Lets you see what satellite KEPS are loaded
LIST-FREQS      Shows a table of operating frequencies for all birds
F1-HELP         Gives a help file
alt-S-REDRAW    On faster machines, will update the OPS-SATS time line
                with every map re-draw
```

APRStk also uses the new APRS compressed format so that positions take
only 13 bytes for complete LAT/LONG/CSE/SPD to the nearest foot anywhere
on the globe. Thus a complete 1200 baud POSITION/STATUS report takes
less than 0.3 seconds.

APRStk can also uplink the moving satellites as objects on the air so
others in your area can see the satelites on their APRS maps too.

Download APRStk from ftp://tapr.org/aprssig/dosstuff/APRSdos/aprstk.zip

This is a 200k EXE and satellite files only. It must be loaded into an
existing APRS directory with the other 1meg of map support, etc...
If you need a full install, then get the file aprs846.zip from the same
site. In BOTH cases, install them with PKUNZIP -D into your APRS
directory (or use WinZIP) to get the proper directory structure...

Enjoy.

de WB4APR, Bob

To see the ASTARS concept http://web.usna.navy.mil/~bruninga/astars.html

P.S. If you are new to APRS, you must do the following as a minimum for
satellites to be in the right place:

1) Put yourself on the map with the INPUT-MY-POSIT command
2) Set the correct Time Zone during start up or using alt-S-OTHER-ZONE
3) Have correct PC time
4) Zoom the map to any scale using the PG-UP/DN keys

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

341. [htaprs] D7A questions...

From: Paul Breed <Paul@rasdoc.com>
Date: Thu, 27 Jan 2000 17:37:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62927-2000.01.27-17.32.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm the proud new owner of a DH7A.

1)The unit came with a 2.5mm rt angle plug to un-terminated wires for
hooking up to a GPS.
Where can I buy more of these cheaply?

2)How do I protect the SMA connector with external antenna cables, bouncing
around in the car.
Does anyone make a short SMA to PL-259 jumper?
I'd rather not screw the big adaptor directly to the unit.
The Ideal adaptor would be a Rt angle SMA 6 inches of flexible coax and a
female PL-259.
The next best thing would be a RT-angle SMA to 6 inches of flexible coax to
any kind of connector.

3)So far I've been monitoring 144.390 with the TNC mode turned on, I
received one packet....
but I'd not yet figured out that TNC mode needed to be turned on.
So I missed it, after I turned TNC mode on I never heard another
packet...in 40 minutes of listening.
(I had to stop playing and go back to work ;-(   )

At Near 42.8982N
          71.0683W

Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

342. [htaprs] D700 FRONT PANEL

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 27 Jan 2000 19:37:38 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-62936-2000.01.27-18.35.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have a good WEB photo of the front panel of the D700? and the
THD7? I need them for my ASTARS page...

http://web.usna.navy.mil/~bruninga/astars.html

Thanks...
WB4APR, bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

343. [htaprs] Rubber Duck Experiment

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Thu, 27 Jan 2000 12:35:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62948-2000.01.27-20.07.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As to the question of seals. I have found that Panasonic phones that have
the SMA connector have a boot that comes down to cover the connection of the
radio and fits in the grove of the radio as well. I don't have the part
number right off my head but I can get one.
    I will let everyone know if they are interested.

Oh, and I use a SMA-3 from Comet if anyone is interested for the TH-D7A.

Peter Anderson
N0WRE

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

344. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: "Lloyd Mitchell" <kd4htw@bellsouth.net>
Date: Thu, 27 Jan 2000 22:00:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62953-2000.01.27-20.56.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OMG!!!!!

I looked in the SMA connector on my d7 and I almost fainted!. Any
D7 owners you had better look NOW and clean the connector right away. I
found gold 'flakes" and ----- worse ---parts of thread metal (curved lengths
of metal like threads shavings!) right on the teflon insulator! I dont
know why mine has not shorted the finals. I am now more than ever convinced
that Kenwood needs to change the connector on future units. I will not be
taking my antenna on and off from now on. (I was using a adapter in the
auto) I am still looking for a better antenna than the stock one.....

Lloyd KD4HTW Florence SC

----- Original Message -----

> on 1/27/00 09:40, Hazen, Dwight L at hazen@indiana.edu wrote:
>
> > I just looked at the inside of the connector as I am sure many of you
just
> > have.. and I see small chips of metal on the insulating part of the
> > connector! The center connector looks ok by the eyeball test. Got to
clean
> > out the connector, I figure the metal comes from the threads. SMA might
not
> > be the best connector for HT's. Can you say BNC? But I have worn them
out on

> > HT's also.
>
> Actually the center pins of most SMA connectors are gold plated. The gold
> is what flakes off that you can see. It is an abrasive fit between the
> center pin and the center jack.
>
> 73,
>
> Jon
> KE9NA
> --
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: kd4htw@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

345. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: John Vause <jdv@iglou.com>
Date: Thu, 27 Jan 2000 22:04:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-62955-2000.01.27-21.01.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doug, here is a copy of a post I made last year when the
D7A first came out. Since then I've found that if I use the aftermarket
Comet SMA24, its center pin will spread the fingers on the D7A SMA
connector far enough part that the stock antenna will not connect
if it is tightened down (as you've discovered). I "retired" the
stock antenna and use the RD9 or the SMA24.
73
==========
 Subject:
             Re: [htaprs] Re: SMA to BNC
             CONNECTOR Problem
        Date:
             Sat, 10 Apr 1999 10:12:53 -0400
        From:
             John Vause <jdv@iglou.com>
    Reply-To:
             jdv@igloudot.com
 Organization:
             Vast Right Wing Conspiracy - Charter
             Member
         To:
             Jim Baremore <k5qq@juno.com>
         CC:
             TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
        BCC:
             jdv@iglou.com
  References:
             1

My Th-D7A experienced this same behavior after I
over tightened the stock
antenna onto the radio. The problem showed up just as Paul
stated except
that RX was also affected. RX signal was down using stock
antenna but
SMA-BNC adapter/BNC HT, Premier RD-9 and Comet
SMA24 antennas received
fine. What should have clued me was that I also had problems

with two
other different SMA-BNC adapters as well as the stock
antenna.
I checked the SMA connector on the stock antenna as well as
an RD-9 and
SMA24 antenna and several SMA adapters. I found that the
SMA connectors
on the RD-9 and RD-24 have long center pins with no shoulder
but that
the center pin on the stock antenna was narrower than on the
aftermarket
antennas and had a shoulder about 1/16 inch from the end of the
pin. I
checked the SMA connector on the radio and found that the
fingers that
contact the pin were spread slightly and the ends of the fingers
were
covered by the insulator (teflon?). Evidently in overtighting the
stock
antenna, the shoulder on the stock antenna managed to swage
the
insulator over the top of the contact fingers, at the same time
spreading the contact fingers to the point where they would not
make
contact with the center pin on the stock antenna and several of
the
SMA-BNC adapters with narrower center pins. Talk about tight
tolerances!

Solution: DO NOT USE excessive force if you try this! You are
working
with close tolerance parts. I used a sharp flat-blade 3/32"
screwdriver
to GENTLY shave the teflon insulator off of the top of the
contact
fingers. DO NOT DIG half the insulator out of the connector. It's
not
necessary. Only a tiny amount of material needs to be removed. I
then
used a 3/64" flat-blade screwdriver to push the contact fingers
SLIGHTLY
closer together.
After doing the above operations, all my antennas(stock and
after-market) and SMA-BNC adapters work fine.

As always, YMMV. :-)

73

Jim Baremore wrote:
>
> On Fri, 9 Apr 1999 9:54:32 "Paul DeCicco"
<pdecicco@hughes.net> writes:
> >I am using an SMA to BNC adapter of an undetermined
brand on my
> >TH-D7a.
> >When I tighten up on the connector, something seems to
be shorting and
> >
> >although there is a transmit indication, no signal is
transmitted.
> >Receive does not seem to be affected.
>
> I found out the hard way after buying a lot of surplus stuff
there are
> two different SMA connectors and one has a very short
pin and the other
> has a longer pin.   I suspect that what is happening is that
you have a
> 'short one' and so no connection to the radio. Thus you
get no transmit
> power output. On receive, there is likely enough capacity
coupling to
> let strong signals get on into the radio and so it appears to
be working.
>
> It does NOT happen with the factory RD
> >ant. nor my SMA 1/4 wave dual band whip (COMET).
>

> Might be interesting to look at the sma part of the two
antenna's and
> compare to the adaptor you picked up.....
>
> Then again maybe there is something wrong with the
radio and you should
> sell it cheaply.... Please contact me direct if this is your
choice...
>
> Jim Baremore
>
_____
> You don't need to buy Internet access to use free Internet
e-mail.
> Get completely free e-mail from Juno at
http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>

Doug Bade wrote:
>
>   I saw my output drop off on my d7a, and while investigating the source, I
> put an sma to bnc adapter on to connect to test equipment.
>
>   What I discovered was if the sma connector was tight, no rf out(low.. very
> low), and as I loosened it the power jumped up to rated power. On further
> investigation I found the center pin of the antenna JACK (socket) was
> expanded out enough that when I tightened (straightened) the sma, it would
> break contact. I never connected anything large pinned to the center pin,
> so I suspected it was expanded when I bought it and since. As a radio tech
> commercially I decided to dissect and see what was up. After dis-assembling
> this radio (sorry Kenwood).. I found that the center pin (female) was
> clearly oversized for proper mating to antenna male. AFTER REMOVING
> assembly and removing center pin from assembly, I squished the center pin
> CAREFULLY back together and re-assembled the radio further testing
> indicates that was all the problem was.
>
>   Clearly the pin was physically distorted when you look at the pin
> itself.BUT we are talking MILS here... very tight tolerances...
>
>   Maybe part of the testing caused this, maybe even I caused this, as I was
> using another antenna, and had connected SMA adapters before.. but this was
> the root of my problem..
>
>   I have heard lots of complaints of 2m deafness and poor TX with the
> factory antenna. Most blame is the antenna. Mine was deaf also and poor TX
> too. I used an mfj whip since last march. BUT when I use the factory
> antenna since I fixed that JACK on the radio all is as it should be. I am
> only using the factory whip.
>
>   A quick test to verify if the antenna socket is the culprit is to set 2m
> rx to something strong like NOAA weather or such and see if loosening and
> wiggling the sma connection causes make break (on the s meter or audibly).
> At one thread turn it should not.
>   WIGGLE gently, do not make a problem where there is not one. TX always
> manifests itself FIRST as the dropout was like 40db.. but the S meter will
> show if you do have a problem RXing with the connection.. Tightening it to
> firmly seated definitely caused mine to cut out...
>
>   This is just a test, I do not nor would KENWOOD, condone you opening your
> radio and servicing it even if you are Qualified.. If you kill yours you
> will probably void your warranty, I am just impatient enough to take a look
> first, then get it serviced if I cannot find the trouble..
>
>   You are hereby forewarned.....   :-)   Doug Bade KB8GVQ
>
> >on 1/26/00 7:44 PM, Jon Ogden at jono@enteract.com wrote:
> >
> >> I bought my TH-D7A at Dayton last year. It went into my car and ran as my
> >> tracker. I used it continually bleeping packets every two minutes all day
> >> long and sometimes all night long when I forgot to turn it off. Other than
> >> the problem of the APRS software in it sometime mysteriously locking up, it
> >> has never had a problem.
> >>
> >> The only reason I stopped using it as my tracker is that I bought the
> >> TM-D700A and now use it.
> >>

> >> Believe me, I used it a LOT. It was also my 2M voice radio at the same time
> >> as it was the APRS tracker.
> >
> > I bought mine in the early March and it has been used (and abused) in
> >exactly the same fashion and it still perks along like a champ. I have to
> >believe something else is at work here.
> >
>>snip<<
==========
--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots

"Nobody is completely worthless. He can always serve as a bad
example."   That seems to have been said about Bill Clinton, but I
cannot find out by whom. - Colonel Jeff Cooper, October 1999
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

346. [htaprs] RE: D7A questions...

From: "Phil Greenland" <pgreen@axom.com>
Date: Thu, 27 Jan 2000 22:38:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62962-2000.01.27-21.35.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1)The unit came with a 2.5mm rt angle plug to un-terminated wires for
hooking up to a GPS.
Where can I buy more of these cheaply?

********You can get them from Mouser Electronics Part #172-2010 About $3.95
each. 1-800-346-6673 http://www.mouser.com

2)How do I protect the SMA connector with external antenna cables, bouncing
around in the car.
Does anyone make a short SMA to PL-259 jumper?

*******Cable Experts http://www.cablexperts.com part # 183242sbj3 SMA TO BNC
ABOUT 30" LONG
NOT EXACTLY THAT YOU ASKED ABOUT BUT IT WORKS FOR ME

I'd rather not screw the big adaptor directly to the unit.
The Ideal adaptor would be a Rt angle SMA 6 inches of flexible coax and a
female PL-259.
The next best thing would be a RT-angle SMA to 6 inches of flexible coax to
any kind of connector.

3)So far I've been monitoring 144.390 with the TNC mode turned on, I
received one packet....
but I'd not yet figured out that TNC mode needed to be turned on.
So I missed it, after I turned TNC mode on I never heard another
packet...in 40 minutes of listening.
(I had to stop playing and go back to work ;-(   )

At Near 42.8982N
           71.0683W

Paul (Kl7JG)

You are currently subscribed to htaprs as: pgreen@axom.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

347. [htaprs] Kenwood's Mcp_d700 software

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 28 Jan 2000 00:14:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-62991-2000.01.28-00.23.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In Kenwood's Mcp_d700 memory control software for the D700, I've found a "channel sorting" bug - anyone else noticed this and what can be done about it?

Steps:
1. I stored over 100 new memory channels including names for each one
2. Sort by frequency or name, doesn't matter
3. Save the filename as [whatever].700
4. Write to Radio
5. Close the file, and exit Mcp_d700
6. Reopen the [whatever].700 file
7. Now all the memory channels are unsorted, with many "blank" channel gaps between stored channels

So by selecting either sort option, instead of just leaving the channels in the original order in which I entered them, my memory channels are now all screwed up with no order in the memory file. You have to re-sort them after opening the file before you can Write any changes you made to the radio.

Jim N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

348. [htaprs] Re: expected MTBF on D7A and HOW I Fixed it !!!!!

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 28 Jan 2000 10:01:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-63017-2000.01.28-08.58.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lloyd -

I just took the antenna off of a unit barely 2 months old and found nearly the same thing -- small flakes of what looks like the plating metal on the threads. It doesn't just shake out either, you have to use a small brush or air nozzle to get it out. This may explain the premature failure of the finals on some units.

Good job!

73
--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

349. [htaprs] TH-D7A to Palm IIIx wiring

From: "Joseph L Mc Abee" <jlmcabee@duke-energy.com>
Date: Fri, 28 Jan 2000 10:59:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63035-2000.01.28-09.57.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the pinouts, but I was wondering if the Palm connector is available separately anywhere. If it isn't, what methods have you used? I want to get up and running with PalmAPRS

Thanks,
Joe
KD4CKS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

350. [htaprs] Fw: Rubber Duck "Experiment"-yeah-right

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Fri, 28 Jan 2000 21:23:16 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63072-2000.01.28-13.17.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have seen similar arguments in the past and these
> guys have failed to mention some important facts
> regarding the hand held antenna experiments.
>
> 1)any antenna reduced by any lengh below the minimum
> of 0.25 wave lengh has an automatically "reduced
> efficiency".
>
> 2)Any unbalanced antenna requires a
> counterpoise.Efficeincy of the antenna is affected by
> this abcence
>
> 3)Any portable hand held requires additional
> counterpoise(hand held case is nowhere near 0.25
> wavelengh.This requires the operator to become the
> counterpoise(GROUND).
>
> 4)Research and development go to great expense to
> provide details on their portable antennae.If these
> amateurs(no pun intended)looked beyond their IQ they
> would find the answers.
>
> 5) I have always promoted any modern radios(especially
> HYBRID PA stages)to run no more than 70 % of the rated
> max power.
>
> 6)Hand held operators should understand their radios
> before they publish these types of engineering
> material.Hand held operation , remembering that they
> are a comprimise,shoulod be restricted to short overs
> long breakes inbetween.Using this method there is no
> reason to "blow" anything.
>
> 7)How many times have you heard on the local repeaters
> that an amateurs portable that he is using for a QSO
> is getting very hot-That same idiot will continue to
> operate for long over after mentioning that on the
> air.
> Good luck to them their radios should blow because
> they have had a warning-HOT HEAT-BURN HAND-ow!!!
>
> 8)If the above is not understood by anyone-simple to
> look at the amount of heat dissapation and the area \
> ventilation that the heatsink has.Modern rigs who's
> body construction is mainly NON-Meatal-Beware shorter
> overs-use low power if nessesary-longer breaks
> inbetween overs.If you want to talk forever use your
> base rig.
> > ----- Original Message -----
> > From: <jfkorenz@goodyear.com>
> > To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> > Sent: Thursday, January 27, 2000 8:49 PM
> > Subject: [htaprs] Re: [aprssig] Rubber Duck
> > "Experiment"
> >
> >
> > >
> > > Hi All,
> > >   Well here is what I did on my lunch hour. I
> > got to use
> > > the "new" HP 8752C network analyzer on an
> > assortment of HT
> > > antennas
> > >
> > > Kenwood TH-D7A antenna
> > >
> > > max resonance at 160 MHz return loss = 9.5 DB

> > SWR= 2.0
> > > 144   2 DB SWR 8.7
> > > 145   2.3 DB SWR 7.8
> > > 146 2.5 DB SWR 7.0
> > > 147 2.7 DB SWR 6.5
> > > 148 3.0 DB SWR 5.8
> > >
> > > max resonance at 312 MHZ return loss = 7.5 DB
> > SWR = 2.5
> > > 420 2 DB SWR 8.7
> > > 430 2 DB SWR 8.7
> > > 440 2 DB SWR 8.7
> > > 450 2 DB SWR 8.7
> > >
> > > COMET SMA 503 DUAL BAND ANTENNA
> > >
> > > max resonance at 151 MHz return loss = 4.2 DB
> > SWR = 4.2
> > > 144 3.2 DB SWR 5.6
> > > 145 3.5 DB SWR 5.0
> > > 146 3.5 DB SWR 5.0
> > > 147 3.6 DB SWR 5.6
> > > 148 3.7 DB SWR 4.8
> > >
> > > max resonance at 460 MHz return loss = 20 DB SWR
> > = 1.22
> > > 420 6 DB SWR 3.1
> > > 430 7 DB SWR 2.6
> > > 440 9.2 DB SWR 2.05
> > > 450 12.5 DB SWR 1.62
> > >
> > > ICOM FA-S270B SMA TRI-BAND ANTENNA FROM T8-A
> > >
> > > max resonance at 146.3 MHz return loss = 18 DB
> > SWR=1.288
> > > 144 6 DB SWR 3.1
> > > 145 9 DB SWR 2.1
> > > 146 17 DB SWR 1.329
> > > 147 12 DB SWR 1.67
> > > 148 6 DB SWR 3.1
> > >
> > > max resonance at 380 MHZ return loss = 13.8
> > SWR=1.5
> > > 420 5.2 DB SWR = 3.4
> > > 430 5.2 DB SWR = 3.4
> > > 440 5 DB SWR = 3.57
> > > 450 4 DB SWR = 4.4
> > >
> > > max resonance at 52 MHz return loss = 35 DB SWR
> > = 1.036
> > > 10 DB (SWR=1.92) at 51.9 MHz and 52.3 MHz
> > > 5 DB (SWR=3.57) at 51.6 MHz and 52.5 MHz
> > >
> > > ICOM FA-1443B BNC ANTENNA for 24-AT
> > >
> > > max res at 141.5 MHz return loss = 13.5 DB
> > SWR=1.54
> > > 144 9 DB SWR=2.1
> > > 145 7 DB SWR= 1.53
> > > 146 5.5 DB SWR= 3.3
> > > 147 4 DB SWR= 4.4
> > > 148 3.2 DB SWR=5.55
> > >
> > > max resonance at 360 MHz return loss= 10 DB SWR
> > = 1.9
> > > 420 3.8 DB SWR=4.6
> > > 430 3.8 DB SWR= 4.6
> > > 440 3.2 DB SWR= 5.55
> > > 450 3.0 DB SWR= 5.85
> > >
> > >
> > > All tests were done using a set of unidapters to
> > connect the antenna
> > > to the "N" connector on the instrument. The unit
> > was placed on a
> > > wood table at least 3 feet from any conductive
> > surface. Readings
> > > were affected less than 1 DB by hand motion nearer
> > than 2 feet.

> > > I was out of that circle when recording the
> > readings.
> > >   As a aside, I measured the Kenwood antenna at
> > home
> > > last night with an MFJ analyzer and got a center
> > freq of 161 MHz
> > > with an SWR of 1:1. That has been my previous
> > experience,
> > > that the freq of resonance is good, but the SWR
> > tends to be
> > > higher than the MFJ reports. Also, the MFJ said
> > the best SWR
> > > in the ham band was at 148 with an SWR of 1:3.
> > >   Hope this helps,
> > >   Jim Korenz   N8PXW
> > >
> > >
> > >
> > >
> > >
> > > Gary Hinton
> > <ghinton@eng.mcd.mot.com>@lists.tapr.org on
> > 01/26/2000
> > 02:32:38
> > > PM
> > >
> > > Sent by: bounce-htaprs-10283@lists.tapr.org
> > >
> > >
> > > To: "TAPR Hot Technology APRS"
> > <htaprs@lists.tapr.org>
> > > cc: TAPR APRS Special Interest Group
> > <aprssig@lists.tapr.org>,
> > >   htaprs@lists.tapr.org
> > > Subject: [htaprs] Re: [aprssig] Rubber Duck
> > "Experiment"
> > >
> > >
> > > Ralph,
> > >
> > > The TH-D7 is a dual band rig. Did you take any
> > measurements for
> > > the 440 band?
> > >
> > > Gary
> > >
> > > Ralph Milnes wrote:
> > > >
> > > > Using an MFJ SWR Analyzer (MFJ-259B 1.8 to 170
> > MHz), I've been playing
> > > > with the 3 rubber ducks I have for my Kenwood
> > TH-D7 dual band.
> > > > >
> > > > I won't pretend I'm an engineer and say the
> > results below are accurate.
> > > > They aren't. But my imperfect results show:
> > > > >
> > > > A. On the stock Kenwood Dual Band rubber duck, a
> > resonant frequency of
> > > > ~159.0 MHz with a minimum SWR of ~1.0 to 1
> > > > >
> > > > B. With a Premier 17" dual band thin antenna
> > (RD-98 SMA), a resonant
> > > > frequency of ~153.2 MHz with a minimum SWR of
> > ~1.1 to 1
> > > > >
> > > > C. With a Premier 7" dual band thin antenna
> > (RD-9 SMA), a resonant
> > > > frequency of ~146.0 MHz with a minimum SWR of
> > ~1.0 to 1
> > > > >
> > > > There's a good chance I'm not conducting my
> > experiments very
> > > > scientifically. Trying to take measurements was
> > like trying to nail
> > Jello
> > > > --- placement of the antenna, feedline, analyzer
> > and *me* was a dance.
> > > So,

> > > > I know you won't be able to replicate my results
> > -- heck, if I sneezed
> > or
> > > > moved the feed line I couldn't replicate them.
> > But the relative results
> > > > seemed to be about the same:
> > > > >
> > > > > * I never could get the Kenwood to tune in the
> > 2M ham band
> > > > > * The small Premier seemed to do the best, in or
> > near the ham band
> > > > > * The tall Premier seemed to come out in the
> > middle, but never quite in
> > > > the
> > > > > ham band.
> > > > >
> > >
> === message truncated ===
> _____
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> http://im.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

351. [htaprs] Re: Smallest APRS tracker?

From: "Tom Clarke" <fclarke@erols.com>
Date: Fri, 28 Jan 2000 17:11:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63097-2000.01.28-16.09.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kantronics makes a kit 2 watt Pkt Tx. 4" x 6" or so. Ramsey (if they still
exist!) makes a mini 2 m tx that might work for you also, very small.

73 de Tom?W4OKW

----- Original Message -----
From: "Paul Breed" <Paul@rasdoc.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, January 21, 2000 10:02 AM
Subject: [htaprs] Smallest APRS tracker?

> I am planning on using APRS to track a Radio control model.
> Any recommendations for a very light transceiver?
>
> I am currently planning on using an Alinco DJ-C1T "Credit card"
transceiver.
>
> If the position reporting is commanded over the normal 50Mhz RC control
> channel,
> a receiver in the aircraft might not be necessary.
>
> Anyone know of plans for a small xtal controlled FM tx?
>
> Paul (Kl7JG)
>
>
>
>
>
> ---
> You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

352. [htaprs] Re: Kenwood's Mcp_d700 software

From: "Scott Morris" <smorris@mindspring.com>
Date: Fri, 28 Jan 2000 22:18:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63177-2000.01.28-21.15.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried to contact Kenwood on a problem with their software for the D7A, and
they basically told me that it is at my risk to use it. I then asked for
the communications protocols to talk to the radio, I would write my own
program, and they wanted it I would freely give it to them, a program that
worked. They told me the protocols was proprietary and they could not give
the spec out. So basically we are stuck with bad software they won't fix.

One company that I was impessed with was Ten-Tec, their new computer
controlled HF rig comes with Windows software that actually fits on a
floppy. And if you want to write your own you can download the programmers
reference manual from their website, you don;t even have to pay for it.
Maybe Kenwood should "sit up and take notice".

Kenwood should either fix their software, or make available the
communication protocol spec.

Scott Morris
KF4SNV
----- Original Message -----
From: Jim Gill <jimgill@ix.netcom.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, January 28, 2000 1:14 AM
Subject: [htaprs] Kenwood's Mcp_d700 software

> In Kenwood's Mcp_d700 memory control software for the D700, I've found a
> "channel sorting" bug - anyone else noticed this and what can be done
about
> it?
>
> Steps:
> 1. I stored over 100 new memory channels including names for each one
> 2. Sort by frequency or name, doesn't matter
> 3. Save the filename as [whatever].700
> 4. Write to Radio
> 5. Close the file, and exit Mcp_d700
> 6. Reopen the [whatever].700 file
> 7. Now all the memory channels are unsorted, with many "blank" channel
gaps
> between stored channels
>
> So by selecting either sort option, instead of just leaving the channels
in
> the original order in which I entered them, my memory channels are now all
> screwed up with no order in the memory file. You have to re-sort them
after
> opening the file before you can Write any changes you made to the radio.
>
> Jim   N0RMO
> Omaha, NE
>
>
>
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

353. [htaprs] Re: PocketAPRS and TM-D700

From: "Chris Arndt" <carndt@slonet.org>
Date: Fri, 28 Jan 2000 20:08:15 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63180-2000.01.28-22.05.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I did this week. Use the D7A TNC selection.I don't have a lot of experience
with it yet, but it seemed to worked OK.

********** REPLY SEPARATOR **********

On 1/27/00, at 2:56 PM, Michael Malloy wrote:

>Can you use pocketAPRS with the new Kenwood TM-D700.
>_____________________________________
>Email: Michael Malloy malloy@execpc.com
>QTH: Whitefish Bay, WI
>Amateur Radio: N9WJV
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

354. [htaprs] Re: Kenwood's Mcp_d700 software

From: Jack & John Wright <jwright@Chattanooga.net>
Date: Sat, 29 Jan 2000 05:01:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63220-2000.01.29-04.03.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's too bad about Kenwood....

I bought 2 of the D7A HTs when they first came out. Bad move. Found out right quick, you must be a hacker and a "make your own everything" person, (which I'm not) to actually USE Kenwood products. I couldn't even buy the PC cable and bad software for 6 months. I recently sold them, and could only get less than half price, at a hamfest.

I also bought a TM-V7A mobile, and had to wait about 5 months to get its PC cable and very bad software (compared to Yaesu's), which I still have and try to use. My other radios are 3 Yaesus and an Alinco, all pretty good, their accessories are available, and work flawlessly.

Sorry, but I developed a bad attitude toward Kenwood, and have vowed I will never buy another of their products. I've been watching and hoping the D700 would correct such problems, but it's obvious Kenwood hasn't learned any lessons yet.

It's obvious to me that Kenwood has really great product planners, fair product designers, but horrible support and supply departments and people. Well, I guess you can't have everything, but you wonder how much more market share they'd have if they could just bring out a product at the same time with accessories that worked at all. If they have management people worth anything, they'd be reading and responding to these problems, but apparently they're not hungry enough either.

All ham products from now on will need good PC programming and control software to go with them, but I don't see anyone else among the top companies who shares this opinion, yet. The first company who gets it right, (I think) will be surprised at the size of the "plug and play" market share out here.

For us "non-hackers" who want Kenwood products that will plug and play, we must wait at least 1 year after product intro, take a look then, and make a purchase decision.

Jack Wright jwright@chattanooga.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

355. [htaprs] D700 Separation Cable

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Sat, 29 Jan 2000 09:56:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63243-2000.01.29-08.55.47--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I'm thinking of getting a D700 for my minivan. I understand that it
comes with a separation cable included. Can anyone tell me how long the
cable is and what type of connectors it terminates with (in case I want
to make a longer one myself)? I understand that Kenwood may offer an
optional cable (presumably longer than the one included with the radio)
but I' rather not have to buy the accessory if I don't have to.

73s George W3GP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

356. [htaprs] Re: D700 Separation Cable

From: "Chris Arndt" <carndt@slonet.org>
Date: Sat, 29 Jan 2000 07:39:48 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63250-2000.01.29-09.37.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The stock cable is about 10 feet long. It has a standard telephone style
RJ11 4 pin modular plug on the tranceiver end, and a smaller 4 pin
telephone handset style modular plug on the control head end.

********** REPLY SEPARATOR **********

On 1/29/00, at 7:01 AM, George S. Pappayliou wrote:

>I'm thinking of getting a D700 for my minivan. I understand that it
>comes with a separation cable included. Can anyone tell me how long the
>cable is and what type of connectors it terminates with (in case I want
>to make a longer one myself)? I understand that Kenwood may offer an
>optional cable (presumably longer than the one included with the radio)
>but I' rather not have to buy the accessory if I don't have to.
>
>73s George W3GP
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

357. [htaprs] Kenwood Bashing

From: "Mark Endicott" <endicott@nashville.com>
Date: Sat, 29 Jan 2000 09:39:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63259-2000.01.29-09.56.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I understand that it is human nature to expect a perfect product first time
out of the box but I think some of you are failing to recognize that the
D700 is a brand new product and Kenwood will need a little time to find the
bugs. I recall that the D7 had a few problems and that Kenwood offered a
"flash" soon after it was released. I know of no other radio manufacturer
that has supported APRS to this extent. Lets give Kenwood break! As for you
non-technical appliance operators that want everything handed to you "plug
and play", go find another hobby or get out the books and learn a little
electronics 101. To those that expected Kenwood to "give" them the source
code, go look at Jim Gill's page for the D700 at the link below. Jim has
figured out much of the sequence and taken the time to post it for all to
use. The software has not been officially released, to my knowledge, the
version on their FTP site is obviously not complete and bugs are to be
expected. Constructive criticism has always been considered by Kenwood,
many of the user suggestions have been incorporated in new products. I
think they should be congratulated and thanked for taking a chance,
producing an APRS product when the others have ignored it.

Jim Gill's site.
http://home.netcom.com/~jimgill/tmd700a.htm

Mark, WB0NOO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

358. [htaprs] Re: Kenwood Bashing

From: "Scott Morris" <smorris@mindspring.com>
Date: Sat, 29 Jan 2000 11:27:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63263-2000.01.29-10.24.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In reference to "Kenwood giving the source code". That is not what I requested. I was not referencing the 700 but the 7A. Kenwood stated they would not be making any changes to the software, and it was as is. What I asked for was the communications protoocl, the commands needed to talk to the radio. And as I stated I offered to give them the software I would write, and they could distribute. This was not in any way directed at the flash for the TNC side of the radio. Plus, on my TS-50S they provided the commands for the TS-50S.

You are correct, Kenwood has done for to provide a product especially designed for APRS, and even more than that. They have designed a product that provides extremely mobile data communications. I am not knocking that. I am however asking that if there is something they are not going to support then they should open it up for us "non-plug-n-play" people to experiment with, after all just as you say this is our hobby to experiment. The software to program the radio is an important part, it provides so much flexibility. And to have to work with buggy software, and not have access to a developer's kit? Then maybe Kenwood should charge for the software, and commit to supporting it then.

I have spoke to Kenwood many times, with no resolve.

One other item, I am a Kenwood fan, All except three are Kenwood, I have a Relm for EMS, a Yaesu because it was my first mobile and works great, and a $99 Alinco as an emergency backup. Also I lend the Alinco to CAP cadets to work with, and if it breaks, then I have not lost that much.

Scott
----- Original Message -----
From: Mark Endicott <endicott@nashville.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Saturday, January 29, 2000 10:39 AM
Subject: [htaprs] Kenwood Bashing

> I understand that it is human nature to expect a perfect product first
time
> out of the box but I think some of you are failing to recognize that the
> D700 is a brand new product and Kenwood will need a little time to find th
e
> bugs. I recall that the D7 had a few problems and that Kenwood offered a
> "flash" soon after it was released. I know of no other radio manufacturer
> that has supported APRS to this extent. Lets give Kenwood break! As for
you
> non-technical appliance operators that want everything handed to you "plug
> and play", go find another hobby or get out the books and learn a little
> electronics 101. To those that expected Kenwood to "give" them the source
> code, go look at Jim Gill's page for the D700 at the link below. Jim has
> figured out much of the sequence and taken the time to post it for all to
> use. The software has not been officially released, to my knowledge, the
> version on their FTP site is obviously not complete and bugs are to be
> expected. Constructive criticism has always been considered by Kenwood,
> many of the user suggestions have been incorporated in new products. I
> think they should be congratulated and thanked for taking a chance,
> producing an APRS product when the others have ignored it.
>
> Jim Gill's site.
> http://home.netcom.com/~jimgill/tmd700a.htm
>
>
> Mark, WB0NOO
>

>
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

359. [htaprs] Re: Kenwood Bashing

From: "Scott Morris" <smorris@mindspring.com>
Date: Sat, 29 Jan 2000 11:29:00 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63264-2000.01.29-10.26.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last item on this. I was not bashing Kenwood in my email, just telling the
truth of experience with them and giving my opinion of that experience.
Which was addressing another email by a person on this list.

I will continue to negotiate with Kenwood and see if these problems can be
resolved.

73

Scott
KF4SNV
----- Original Message -----
From: Mark Endicott <endicott@nashville.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Saturday, January 29, 2000 10:39 AM
Subject: [htaprs] Kenwood Bashing

> I understand that it is human nature to expect a perfect product first
time
> out of the box but I think some of you are failing to recognize that the
> D700 is a brand new product and Kenwood will need a little time to find
the
> bugs. I recall that the D7 had a few problems and that Kenwood offered a
> "flash" soon after it was released. I know of no other radio manufacturer
> that has supported APRS to this extent. Lets give Kenwood break! As for
you
> non-technical appliance operators that want everything handed to you "plug
> and play", go find another hobby or get out the books and learn a little
> electronics 101. To those that expected Kenwood to "give" them the source
> code, go look at Jim Gill's page for the D700 at the link below. Jim has
> figured out much of the sequence and taken the time to post it for all to
> use. The software has not been officially released, to my knowledge, the
> version on their FTP site is obviously not complete and bugs are to be
> expected. Constructive criticism has always been considered by Kenwood,
> many of the user suggestions have been incorporated in new products. I
> think they should be congratulated and thanked for taking a chance,
> producing an APRS product when the others have ignored it.
>
> Jim Gill's site.
> http://home.netcom.com/~jimgill/tmd700a.htm
>
>
> Mark, WB0NOO
>
>
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

360. [htaprs] What is the path to feed the APRServe

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sat, 29 Jan 2000 08:51:01 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63266-2000.01.29-10.48.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used to show up on the APRServer (Internet Gate). I no longer do.
I am using a Wide5-5 path.

What do I need to do ensure I am gated to the APRServe?

Glenn
KG7IL in Renton, Wa

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

361. [htaprs] Re: Kenwood Bashing

From: "myoung" <myoung@neo.rr.com>
Date: Sat, 29 Jan 2000 12:31:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63269-2000.01.29-11.31.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:39 AM 1/29/00 , you wrote:
>I understand that it is human nature to expect a perfect product first time
>out of the box but I think some of you are failing to recognize that the
>D700 is a brand new product and Kenwood will need a little time to find the
>bugs. I recall that the D7 had a few problems and that Kenwood offered a
>"flash" soon after it was released. I know of no other radio manufacturer
>that has supported APRS to this extent. Lets give Kenwood break! As for you
>non-technical appliance operators that want everything handed to you "plug
>and play", go find another hobby or get out the books and learn a little
>electronics 101. To those that expected Kenwood to "give" them the source
>code, go look at Jim Gill's page for the D700 at the link below. Jim has
>figured out much of the sequence and taken the time to post it for all to
>use. The software has not been officially released, to my knowledge, the
>version on their FTP site is obviously not complete and bugs are to be
>expected. Constructive criticism has always been considered by Kenwood,
>many of the user suggestions have been incorporated in new products. I
>think they should be congratulated and thanked for taking a chance,
>producing an APRS product when the others have ignored it.
>
>Jim Gill's site.
>http://home.netcom.com/~jimgill/tmd700a.htm
>
>
>Mark, WB0NOO

Well said Mark !

Thanks,
Mike, WB8CXO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

362. [htaprs] Re: D700 Separation Cable

From: Jon Ogden <jono@enteract.com>
Date: Sat, 29 Jan 2000 11:42:03 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63270-2000.01.29-11.37.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/29/00 8:56 AM, George S. Pappayliou at AA8MA@worldnet.att.net wrote:

> I'm thinking of getting a D700 for my minivan. I understand that it
> comes with a separation cable included. Can anyone tell me how long the
> cable is and what type of connectors it terminates with (in case I want
> to make a longer one myself)? I understand that Kenwood may offer an
> optional cable (presumably longer than the one included with the radio)
> but I' rather not have to buy the accessory if I don't have to.

As someone else stated, the Kenwood cable is about 10 feet long or so. The remote cable kit they sell for $80 is a lot of money and you can make your own cables anyhow.

The connectors are the modular telephone style "RJ" type plugs. Not a big deal, just make sure if you make your own to get either a female to female adapter that "flips" the wires around or make sure you do that yourself on the extension cable. If it doesn't make sense e-mail me and I'll explain or look at my e-mails from earlier this month on this on the archives.

The Kenwood kit is nice as it has extended cables for the head, microphone, speaker lines, etc. It also has all the mounting hardware, etc. But for the money they charge, I'd home brew!

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

363. [htaprs] Re: Kenwood Bashing

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Sat, 29 Jan 2000 11:58:54 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63280-2000.01.29-12.54.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To the list:

    All of us have to remember that Kenwood is trying to stay with in the guidelines that the FCC is laying down about having the ham community modifying their own radios.

    The laws that they are trying to push takes away the extended receive and the ability to mod our own equipment as well. It must be hard to stay in those laws and still conserve the hobby of the traditional ham as well. It has come from the "Bad apples" in the whole bunch as far as 11M and the scanner communities as well as the hams that have gone bad as well.
    Kenwood is trying to maintain the standard that they have always been at, but new and tougher laws may prevent that. Just something to keep in mind about any radio product that comes out in the future.

Peter Anderson
N0WRE

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

364. [htaprs] Re: Kenwood Bashing

From: "Scott Morris" <smorris@mindspring.com>
Date: Sat, 29 Jan 2000 15:57:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63297-2000.01.29-14.54.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is an excellent web site, and congratulate him on this endeavor.

This is the first I have heard of this site, this would be a good link to be

included on TAPR, strcilty because of the 700 capability for data and TNC
builtin.

Scott

----- Original Message -----
From: Mark Endicott <endicott@nashville.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Saturday, January 29, 2000 10:39 AM
Subject: [htaprs] Kenwood Bashing

> I understand that it is human nature to expect a perfect product first
time
> out of the box but I think some of you are failing to recognize that the
> D700 is a brand new product and Kenwood will need a little time to find
the
> bugs. I recall that the D7 had a few problems and that Kenwood offered a
> "flash" soon after it was released. I know of no other radio manufacturer
> that has supported APRS to this extent. Lets give Kenwood break! As for
you
> non-technical appliance operators that want everything handed to you "plug
> and play", go find another hobby or get out the books and learn a little
> electronics 101. To those that expected Kenwood to "give" them the source
> code, go look at Jim Gill's page for the D700 at the link below. Jim has
> figured out much of the sequence and taken the time to post it for all to
> use. The software has not been officially released, to my knowledge, the
> version on their FTP site is obviously not complete and bugs are to be
> expected. Constructive criticism has always been considered by Kenwood,
> many of the user suggestions have been incorporated in new products. I
> think they should be congratulated and thanked for taking a chance,
> producing an APRS product when the others have ignored it.
>
> Jim Gill's site.
> http://home.netcom.com/~jimgill/tmd700a.htm
>
>
> Mark, WB0NOO
>
>
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

365. [htaprs] Re: Kenwood Bashing

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sat, 29 Jan 2000 16:30:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63313-2000.01.29-16.27.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> This is an excellent web site, and congratulate him on this endeavor.
> > Jim Gill's site.
> > http://home.netcom.com/~jimgill/tmd700a.htm
> > Mark, WB0NOO

Thanks, folks, for the positive comments on my work (two public comments,
probably eight or ten direct). I know I've promised to update with the
control commands "Soon", but I've been quite busy between work and my
recently started A+/MCSE classes.

I have done some additional research that just needs to be posted; I'll do
that as soon as I possibly can, among all the other for-pay websites that I
have to maintain also.

The actual release of the Kenwood software for the D700 did lower the
priority for me to update these commands on my site, since there became an
actual tool to manage the radio instead of doing it by hand. You may have
caught my recent sig message about some bugs in the software, and I know
there are some other users/software authors who are eager to see KW
"officially" release the protocol. Let me tell you, if you have any talent

at all dealing with programming, visual basic, etc., then all you need to do
is see my page for the instructions on how to turn on the port in the radio,
then just watch the data fly by. You will learn all you need to know in a
hour or so of fiddling with it. For HT owners, there is a link at the top
of my page to VK2TDS's previously released D7 "cheat-sheet".

Anybody that has sufficient programming and analytical skills should be able
to produce a workable piece of software just by referencing my site and
playing with the radio on their own. If after that, you still don't have
what you need, then KW or anybody else won't be able to help you. Spend the
time to bone up on your troubleshooting/discovery skills before trying to
write software. There are likely others already working on it "behind the
scenes".

I rarely attempt to take a position on the sig that may be deemed offensive
to some, but that's about the only way I could really put it.
<flamesuit>ON</flamesuit>

Jim N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

366. [htaprs] Re: Kenwood Bashing

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 29 Jan 2000 17:53:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63320-2000.01.29-16.51.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/29/00 11:27 AM, Scott Morris at smorris@mindspring.com wrote:

> In reference to "Kenwood giving the source code". That is not what I
> requested. I was not referencing the 700 but the 7A. Kenwood stated they
> would not be making any changes to the software, and it was as is. What I
> asked for was the communications protoocl, the commands needed to talk to
> the radio. And as I stated I offered to give them the software I would
> write, and they could distribute. This was not in any way directed at the
> flash for the TNC side of the radio. Plus, on my TS-50S they provided the
> commands for the TS-50S.

 What is the big deal??!!??!! guys on this SIG figured out the protocol for
talking to the D7A back last summer, months ago ... of course they probably
aren't going o upgrade the software ... so many hackers have made better
programs that they cannot hope to recoup money spent on upgrading
maintaining the program.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"Money can't buy love. But it CAN rent a very close imitation."
   -- from somewhere on the Net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

367. [htaprs] Re: Kenwood Bashing

From: Jon Ogden <jono@enteract.com>
Date: Sat, 29 Jan 2000 17:00:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63321-2000.01.29-16.55.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/29/00 12:58 PM, Peter J Anderson at fire_rescue_ems1@netzero.net wrote:

> All of us have to remember that Kenwood is trying to stay with in the
> guidelines that the FCC is laying down about having the ham community
> modifying their own radios.

There are NO guidelines regarding the amateur radio community modifying
radios! That is such a common misconception! The ONLY thing a ham cannot

do is modify a radio to receive cellular telephone transmission.

We can modify, carve up, improve, our radios all we want. Haven't you ever heard of the term: HOMEBREW?

Perhaps not. In this age of appliance operators it's no wonder. Well, if it ain't illegal for me to BUILD a 2M rig, it ain't illegal for me to modify it!

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

368. [htaprs] ASTARS and APRStk.exe

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 29 Jan 2000 18:30:37 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-63329-2000.01.29-17.28.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to those of you that sent me the JPG and GIF files. I incorporated them into my ASTARS web page, described adnauseum in the previous EMAIL:

But if you didnt read it and want to cut to the screen shot, here'tis:

 http://web.usna.navy.mil/~bruninga/aprstk.gif

Its a DOS screen of APRStk.exe, showing the 2.5 hour graphical time line of SATELLITES across the bottom. It shows each pass and the max elevation. Nice for knowing when to expect your favorite birds, without having to run a separate program...

If you have a THD7 or TMD700, you should consider a handheld beam to get maximum fun from your new radio! (The dual band ARROW is pricey, but is all-in-one).   But since the uplinks work fine from the 2m whip, you need only the UHF beam on the downlinks (and a VHF/UHF diplexer to split the two).

Enjoy, Bob, Wb4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

369. [htaprs] OPAL Heard on mobile!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 29 Jan 2000 19:15:12 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63333-2000.01.29-18.13.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Went out with 1/2 arrow antenna held out the window (East) of the mobile and the TMD700 radio on 437.105 BEEPED and showed "??KF6RFX" on the front panel. This means non-APRS formatted packet. I pressed PACKET-MON button and the display showed the full packet:

   KF6RFX>CQ:OPAL 0:0006684204 <01>

And later to the southeast on 437.095 (from Maryland), I got:

   KF6RFX>CQ:OPAL 0:0009948696 <01>

This is using only 4 elements of a half ARROW antenna. The decoded ones

were hitting two segments on the S meter. I heard several more at the 10
sec rate but without a steady signal it was hard to be pointed at tthe
right place at the right time.

Next overhead pass, Ill just leave it connected to the omni WHIP antenna
and stay inside and see what I got the next time I drve the car... :-)

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

370. [htaprs] Re: Kenwood TMD700

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sat, 29 Jan 2000 19:16:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63339-2000.01.29-19.13.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No additional equipment needed. Just get a 9pin female to 9 pin female
serial cable from Radio Shack (26-152 $9.99). Hook this cable from radio to
PC, use any terminal program such as terminal.exe, HyperTerminal, ProComm,
etc. Set the communications settings to 9600 baud, 8-N-1.

When you have your communications program running and the connection "open",
type

AI 1

Then vary the volume control or change the frequency. You should see data
coming in from the radio. Many of the data type indicators will be
intuitive:

AG 0,xx = Volume for band 0 to xx (Audio Gain)
LIST 01,call,date,time,x, etc etc

See what you get and ask if you have a question what you are seeing. If you
get nothing you need to do some more troubleshooting... port, cable,
software configuration, etc.

Jim   N0RMO

> Jim,
>
> What type of equipment did you put between the radio and the PC?

> ----- Original Message -----
> From: Jim Gill <jimgill@ix.netcom.com>
> > turn on the port in the radio,
> > then just watch the data fly by. You will learn all you need to know in
a
> > hour or so of fiddling with it. For HT owners, there is a link at the
top
> > of my page to VK2TDS's previously released D7 "cheat-sheet".

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

371. [htaprs] Re: Kenwood Bashing

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 30 Jan 2000 01:17:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63400-2000.01.30-01.14.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmmm...

Buggy software? I seem to remember my original copy of the ADMS-1 software
for my Yaesu FT-11 was full of bugs and I paid over $40 for it. The
company that wrote the interface software for Yaesu wouldn't even talk to
me, and they wanted more money to upgrade to a newer version of the
software (basically the same cost as buying another interface).
Furthermore, the PROPRIETARY interface that came with it was poorly made

and the interface cable would twist inside the DB-25 hood and short out.
So I ended up doing some soldering on it, too...(so much for plug and play)

My FT-51R was purchased the first month they were released. It too had
firmware flaws, including the scan step bug. Also the side selector and
PTT buttons both failed very early and had to be repaired on an SMT rework
station.

When I bought my FT-8500, one of the selling points in the literature was
that all memory information on it was stored on an EEPROM, and that it had
NO battery to fail. One month after the warranty expired on the radio it
started to lose it's memory when disconnected from power. I sent it back
to the factory and was informed that a diode had burned out, allowing the
ON-BOARD BATTERY to drain, causing the loss of the radio's power on memory
state. $65 to replace battery and diode plus one hour of bench time.
Nobody at Yaesu could explain to me why their literature (and my user's
manual) say that the FT-8500 has no battery to fail.

A few months later the 8500's faceplate took a dive, and I damaged the
multifunction selector switch. This time I determined I could fix the
problem myself, so I called Yaesu and asked their "expert" opinion on what
parts I would need to fix it. The parts guy said he knew exactly what I
needed and he would send it out. I also ordered a service manual at the
same time. A few days later I received a box with about a half-dozen parts
in addition to the selector switch, including a new LCD panel, which I had
indicated I did not need. I called Yaesu to get an RMA number on the parts
I wanted to return. They wanted to charge me a 15% restocking fee on them.
 After I protested they finally relented and promised they'd credit my
Mastercard with the proper return amount. A month after I had returned the
parts I still had not received a credit, so I called them again, and was
promised the credit would show up on my next statement. Well, the next
statement came and instead of crediting me with the RMA parts, THEY BILLED
my credit card again...TWICE. So now I had like $385 charged against about
$50 of stuff I actually bought from them. It took several phone calls and
over 90 days for Yaesu and Mastercard to figure it out.

OTOH, I bought my TH-D7 last year at Dayton, went over to the Kenwood booth
and they gave me a free SMC-32 speaker mic. Yaesu has never given me
anything free for buying their products (at least $2500 worth in the last 5
years), unless you count that baseball cap...   I was able to go home and
MAKE a high-quality interface cable for the TH-D7, spending about $8 total
and then download a FREE piece of software to program it. So, the program
is not perfect, but it works as well as the $40 piece of software I got for
my FT-11/51.
Plus, they make the manual available in .pdf format, something that the
other manufactures seem to think isn't important. I put a copy of the
manual on my laptop and on my computer at work. I can not tell you how
nice it is to be able to access a user's manual for the radio w/o having to
worry about lugging around or losing the paper copy of the manual.

A few years ago I had written off ever buying an amateur radio product from
Kenwood, but it seems to me they are far more interested in front-end
customer support than the other manufacturers, as well as going out on a
limb and making some pretty cool APRS radios. I'm looking forward to
purchasing a D-700 in the near future.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

372. [htaprs] newbie

From: "jeff" <jeff@k8sn.org>
Date: Sun, 30 Jan 2000 04:16:35 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63409-2000.01.30-03.09.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok I am very new to aprs and i am sorry to make a post like this.. I have
Street atlas and someone said i can use this with aprs type stuff..   so

what do i need where do i get it and how do i install it?

Jeff Kc8ffv

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

373. [htaprs] Re: Kenwood Bashing

From: Jim Baremore <k5qq@juno.com>
Date: Sun, 30 Jan 2000 06:09:33 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-63425-2000.01.30-07.46.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 30 Jan 2000 01:17:53 -0600 Mark Fellhauer <sparkfel@primenet.com>
writes:
>
> Hmmm...
>
> Buggy software? I seem to remember my original copy of the ADMS-1
> software for my Yaesu FT-11 was full of bugs and I paid over $40 for
it.

Ditto for the Yeasu software I bought for the Vx1R. I even sent it to RT
systems who built it and they said it was fine but it would never work
with my radio. I finally sent it back to HRO (Thanks Gary at Phoenix for
being so understanding) and all the whole experience cost me was two sets
of postage for shipping it all around the country.

I had Kenwood HF rigs, TS520 and TS 820 but then went to Icom when they
came out with their solid state rigs.   The TH-D7 and TM-D700 are the
first Kenwoods I have had since then and they are great!!! Really neat
rigs and the software works fine. I was particularly impressed with the
fact the D700 software would allow you to import any D7 files you had
saved for it. Neat to be 'backward compatable' so to speak.

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

374. [htaprs] Re: newbie

From: Glenn Cummings <kg7il@foxinternet.netx>
Date: Sun, 30 Jan 2000 06:37:18 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63434-2000.01.30-08.34.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's great to see continuing interest.
It was a little overwhelming the first time I started looking at APRS
There is quite a bit of information available; I've posted a few links
The simple home station is
APRS-Software ----PC---serialconnection---TNC--connection---VHF on 144.39
  The APRS software can be one of the several available
  I use APRS+SA which uses the Street Atlas Mapping program from DeLorme
  I also have WinAPRS registered and like it's use of the FFC database for Ham
License Info

The simple tracker is:
  GPS --connection---TNC---connection VHF on 144.39
    It depends on the capabilities of the TNC. I use the Kantronics KPC-3+
    the KPC-3+ has good features and GPS support.

I'd start with the home station without a GPS to get started.
(The APRS+SA can use an internet connection to allow you to start viewing)

http://users.nbn.net/~gwells/links.html

http://nwaprs.org/

Once you pick your PC software, post a note if you need help filling out your
station/path etc.

Good Luck and have fun
Glenn
KG7IL in Renton, WA

jeff wrote:

> Ok I am very new to aprs and i am sorry to make a post like this.. I have
> Street atlas and someone said i can use this with aprs type stuff..   so
> what do i need where do i get it and how do i install it?
>
> Jeff Kc8ffv
>
> ---
> You are currently subscribed to htaprs as: kg7il@foxinternet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

375. [htaprs] Re: newbie

From: Glenn Cummings <kg7il@foxinternet.netx>
Date: Sun, 30 Jan 2000 06:38:47 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63435-2000.01.30-08.36.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Forgot the important link that you asked for:
APRS+SA
    http://www.tapr.org/~kh2z/aprsplus/

Glenn KG7IL

jeff wrote:

> Ok I am very new to aprs and i am sorry to make a post like this.. I have
> Street atlas and someone said i can use this with aprs type stuff..   so
> what do i need where do i get it and how do i install it?
>
> Jeff Kc8ffv

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

376. [htaprs] Re: OPAL Heard on mobile!

From: Jon Ogden <jono@enteract.com>
Date: Sun, 30 Jan 2000 22:09:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63555-2000.01.30-22.04.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/29/00 6:15 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

>
> This is using only 4 elements of a half ARROW antenna. The decoded ones
> were hitting two segments on the S meter. I heard several more at the 10
> sec rate but without a steady signal it was hard to be pointed at tthe
> right place at the right time.
>
> Next overhead pass, Ill just leave it connected to the omni WHIP antenna
> and stay inside and see what I got the next time I drve the car... :-)

OPAL's signals are HUGE. Really strong beacon. I was copying them at 57 or
better last night.

Now, I forget, does OPAL have ham uplink and downlink capabilities to be
utilized after it's payloads are ejected?

73,

Jon

KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

377. [htaprs] Re: OPAL Heard on mobile!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 30 Jan 2000 23:17:28 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-63556-2000.01.30-22.15.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 30 Jan 2000, Jon Ogden wrote:

> > This is using only 4 elements of a half ARROW antenna. The decoded ones
> > were hitting two segments on the S meter. I heard several more at the 10
>
> OPAL's signals are HUGE. Really strong beacon. I was copying them at 57 or
> better last night.

What kind of antenna gain are you using?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

378. [htaprs] Re: OPAL Heard on mobile!

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sun, 30 Jan 2000 22:39:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63560-2000.01.30-22.36.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Listening to ARRL audio news this evening, I'm trying to make heads or tails
of all the new satellite stuff going on. I have a D700 that I want to
experiment with using just a good OMNI. I have read Bob's ASTARS page, but
would like to find somewhere that gives a further summary of what satellites
are now up, with frequency lists for uplink possibilities and downlink
telemetry monitoring.

Right now I think I understand:

jawsat   400.475 downlink (freq???)
stensadt: up 145.84 dn 436.625
opal telemetry: 437.100
>From Bob's page: up 145.9, down 435.13

Can someone clarify or point me to a resource for further study? Thanks.

PS I'd like to assess the viability of taking my D7 or D700 with me to Hana,
Maui, HI March 25-30 for satellite comms, either voice or data. Will be
quite remote for a few days so could even just use the radio with voice
repeaters on Mt. Haleakala. Someone on Maui should set up a digi/Igate up
there (maybe at the Air Force AMOS facility on Mt Haleakala).

Jim N0RMO
Omaha NE

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
> OPAL's signals are HUGE. Really strong beacon. I was copying them at 57
or
> better last night.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

379. [htaprs] Re: OPAL Heard on mobile!

From: Jon Ogden <jono@enteract.com>
Date: Sun, 30 Jan 2000 23:36:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63563-2000.01.30-23.32.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/30/00 10:17 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

>>> This is using only 4 elements of a half ARROW antenna. The decoded ones
>>> were hitting two segments on the S meter. I heard several more at the 10
>>
>> OPAL's signals are HUGE. Really strong beacon. I was copying them at 57 or
>> better last night.
>
> What kind of antenna gain are you using?

Well, OK, if I must tell you: 40 elements circularly polarized. So it's not
to wonder it's so good.

Really though, it's a relative signal. When working guys on AO-27, I've
never heard AO-27 THAT well. So if guys can work AO-27 with whips, you
should be able to hear OPAL really well with just a whip as well.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

380. [htaprs] Re: OPAL Heard on mobile!

From: Jon Ogden <jono@enteract.com>
Date: Sun, 30 Jan 2000 23:44:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63564-2000.01.30-23.39.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/30/00 10:39 PM, Jim Gill at jimgill@ix.netcom.com wrote:

> of all the new satellite stuff going on. I have a D700 that I want to
> experiment with using just a good OMNI. I have read Bob's ASTARS page, but
> would like to find somewhere that gives a further summary of what satellites
> are now up, with frequency lists for uplink possibilities and downlink
> telemetry monitoring.
>
> Right now I think I understand:
>
> jawsat   400.475 downlink (freq???)
> stensadt: up 145.84 dn 436.625
> opal telemetry: 437.100
> From Bob's page: up 145.9, down 435.13
>
> Can someone clarify or point me to a resource for further study? Thanks.

OK, NONE of the new Satellites yet are ready for use.

JAWSAT was the launching platform used for all the satellites. It also
contains Weber-2 which is a ham-capable satellite. I believe it is a
digital bird (but am not sure). But people have been having trouble hearing
it. So the health of the bird is unknown. Beacons are at 437.075 and

43.175.

If anyone hears it, send me an e-mail and I'll get it to the right people.

The 400.475 downlink freq you have listed is FALCONSAT which is an Air Force
bird built by students at the Air Force Academy.

Stensat is an FM voice repeater similar to AO-27 (2M up, 435 down). It is
voice only and will be launched from OPAL either tonight or tomorrow
(hopefully).

ASUSAT is a satellite built by students at Arizona State University. It has
an FM repeater capability and I believe digital capability as well. Health
or status is unknown at this time. I've not heard it nor have I listened
for it.

OPAL is a launching platform for Stensat, 3 birds named ARTEMIS and a couple
other satellites. The ARTEMIS birds will downlink on 2M and are not
available for general Ham use. They were built by female grad students at
Santa Clara University. They contain VLF receivers and I believe they are
going to use them to study lightning in the upper atmosphere.

I am not sure if OPAL has any amateur uplinking capabilities or if all we
will be able to do is listen to the downlink.

So now you know what I know!

I wouldn't count on any of these birds being available for APRS yet.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

381. [htaprs] D700 protocol

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Mon, 31 Jan 2000 00:14:32 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63579-2000.01.31-00.11.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If anyone wants to view live data coming from a TMD700A through the serial
port, I am offering SCHEDULED, LIVE telnet sessions for you to connect to my
radio via your telnet client. I will be using TCPTOSER on this end to offer
the 9600 baud ascii control port data out on a specific port number.

As I have dial-up internet access only, please contact me if you are
interested in scheduling a time to connect to my radio to see the data flow.
I also have NetMeeting for voice or text chat alongside the telnet session
so I can explain what you are seeing. This will not be a full-time thing,
just occasionally to those that want to see it [primarily evenings]. Please
contact me via direct email *only*.

Jim Gill
N0RMO
Omaha, NE
jimgill@ix.netcom.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

382. [htaprs] Re: Kenwood Bashing

From: "Jeff Tong" <brcomm@imt.net>
Date: Mon, 31 Jan 2000 08:42:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63625-2000.01.31-09.44.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>on 1/29/00 12:58 PM, Peter J Anderson at fire_rescue_ems1@netzero.net
wrote:
>
>> All of us have to remember that Kenwood is trying to stay with in the
>> guidelines that the FCC is laying down about having the ham community
>> modifying their own radios.
>
>There are NO guidelines regarding the amateur radio community modifying
>radios! That is such a common misconception! The ONLY thing a ham cannot
>do is modify a radio to receive cellular telephone transmission.
>
>We can modify, carve up, improve, our radios all we want. Haven't you ever
>heard of the term: HOMEBREW?

TRUE ,TRUE. HOWEVER, If you modify an AMATEUR radio to operate in the
commercial or law enforcement bands, AND OPERATE in those bands, you are
guilty of using a non type accepted radio in frequencies where type
acceptance is required. There have been legal issues raised in the past
over this type of operation, even when life and limb have been threatened,
and I don't want anyone on this thread misled into believing that OPERATING
an AMATEUR RADIO on COMMERCIAL and LAW ENFORCEMENT frequencies is okay,
cause it AIN'T. By OPERATING I mean TRANSMITTING as well as recieving. You
can listen all you want, but it is ILLEGAL to transmit on commercial
frequencies with non type accepted equipment.

>
>Perhaps not. In this age of appliance operators it's no wonder. Well, if
>it ain't illegal for me to BUILD a 2M rig, it ain't illegal for me to
modify
>it!
>
>
>-------------------------------------
>Jon Ogden
>KE9NA
>
>Member: ARRL, AMSAT, DXCC, NRA
>
>http://www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."
>
>
>---
>You are currently subscribed to htaprs as: BRCOMM@IMT.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

383. [htaprs] Re: Kenwood Bashing

From: Jon Ogden <jono@enteract.com>
Date: Mon, 31 Jan 2000 10:10:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63629-2000.01.31-10.05.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 1/31/00 09:42, Jeff Tong at brcomm@imt.net wrote:

> TRUE ,TRUE. HOWEVER, If you modify an AMATEUR radio to operate in the
> commercial or law enforcement bands, AND OPERATE in those bands, you are
> guilty of using a non type accepted radio in frequencies where type
> acceptance is required.

Of course. If you TRANSMIT over the air on non-ham frequencies, then yes,
you are breaking the law. But the law prohibits transmitting, NOT

modification.

But not all transmitting outside the ham bands is illegal. Not at all. I may be using my 2M FM rig as an IF source for a transverter to operate FM on say 1296. The FM portion of 1296 or even say 70 cm is MUCH larger than 4 MHz, so I may need to operate outside the ham band.

So jumping on guys who want to mod their radios to transmit outside the ham bands is not necessarily a good idea. You don't know what their intentions are.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

384. [htaprs] New email addy for me

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Mon, 31 Jan 2000 09:13:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63632-2000.01.31-10.11.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am changing my email address as netzero does not allow me to check email over my palmpilot. This is important as I travel somewhat and have to be able to take email off the server. My New email is: colohtaprsunit@co.freei.net   As of the first of next month this email will no longer be in effect.

Thank You for your understanding.

Peter Anderson
N0WRE

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

385. [htaprs] Is there D700 configuration software

From: Richard Parry <rparry@qualcomm.com>
Date: Mon, 31 Jan 2000 08:40:40 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63642-2000.01.31-10.38.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the new D700A Kenwood rig. Is there a software package for the unit to allow you to easily configure the unit via a computer.

thanks,

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

386. [htaprs] Re: Is there D700 configuration software

From: "Aaron" <ae4ko@amsat.org>
Date: Mon, 31 Jan 2000 12:35:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63660-2000.01.31-11.33.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 31 Jan 00, at 8:40, Richard Parry wrote:

> I have the new D700A Kenwood rig. Is there a software package for the
> unit to allow you to easily configure the unit via a computer.
>
> thanks,
>
> ---------------
> Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> ---------------
>

Yea. It's beta; it's a little cluttered in layout, but usable albeit quirky.
http://216.98.255.24/SOFTWARE/TMD700A/

Also, Jim Gill has put together a very good page on the internal
commands.
http://home.netcom.com/~jimgill/tmd700a.htm

enjoy

Aaron
ae4ko

(Random Quote)
Cyberbudget - e.conomy

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

387. [htaprs] RE: What is the path to feed the APRServe

From: Chris Verbil <Chris_Verbil@Trimble.COM>
Date: Mon, 31 Jan 2000 10:04:54 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63663-2000.01.31-12.02.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Glen, your path is probably still good, presuming you are seeing your
packets reflected back after your transmit.

I have noticed that the internet feed to APRS has not been stable lately.
For whatever reason, the www.aprs.net:8000/callsign does not work very
often. E-mails to Steve Dimse KH4G have gone unanswered.

I do find that   http://maps.aprs.net/callsign works more often that the
:8000 URL.

Chris
N5CV

*****

>>From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sat, 29 Jan 2000 08:51:01 -0800
X-Message-Number: 7

I used to show up on the APRServer (Internet Gate). I no longer do.
I am using a Wide5-5 path.

What do I need to do ensure I am gated to the APRServe?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

388. [htaprs] TH-D700A

From: "Richard Carter" <rcarter@isi.com>
Date: Mon, 31 Jan 2000 15:8:18
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63691-2000.01.31-15.05.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Discussions related to the TH-D7 and TM-D700 would probably be of interest
to both groups, since the two radios are so closely related. Is the
discussion group willing to open discussion to topics related to the new
radio? If so, should the discussion group be renamed?

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

389. [htaprs] APRS Telemetry from STENSAT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 31 Jan 2000 16:27:36 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: aprsnews@tapr.org, amsat-bb@amsat.org, htaprs@tapr.org
Message-ID: <LYR845-63695-2000.01.31-15.25.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good news, bad news, good news....

THE GOOD NEWS:

> I am happy to report that the STENSAT telemetry was built from a
> modified APRS MIM and therefore the telemetry will be APRS decodable!
> So when the satellite is deployed on Wednesday, we should be able to
> capture it with your APRS software and more importantly with just your
> Kenwood integrated APRS Radios!
>
> de WB4APR,Bob
> ---
> From: Hank Heidt
> Cc: Assoc Prof Carl E Wick
>
> StenSat's telemetry should be APRS compliant.
>
> N4AFL-1>TELEM<UI C>: T#000,255,004,037,129,032,010 STENSAT PICOSAT
>
> where the Telemetry numbers are (in order):
> Sequence number - goes to 255, then rolls to zero
> Power supply monitor
> Current monitor
> Temp monitor
> 2.5 volt reference
> Current RSSI value
> Three light sensors (low value means light is striking the sensor):
> Light sensor values are (in order):
> Flat face (3 by 4 inches)
> Long side (1 by 4 inches)
> Short side (1 by 3 inches)

THE BAD NEWS:. THe AX.25 destination call of TELEM they are using is not
one of the generic APRS filters. SO most APRS software should ignore it.

THE GOOD NEWS: In the Kenwoods you can change the given UNPROTO or ALTNET
call from APK001 to TELEM, to set your radio to operate with ONLY other
stations using that ALTNET callsign and then your THD7 HT or TMD700
mobile radio should receive the STENSAT telemetry directly...

THE BAD NEWS: is that if you forget to return your ALTNET setting back to
APK001 (for the HT) or APK101? for the mobile radio, then you wont copy
any more packets on 144.39... SO dont forget!

Most other APRSversions have a switch where you can disable the front end
ALTNET filters for special circumstances such as this...

Got my fingers crossed for the deploy!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

390. [htaprs] RE: TH-D700A

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Mon, 31 Jan 2000 15:34:50 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63700-2000.01.31-15.31.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This was done about a month ago. If you notice the TO: field of any message received from htaprs, you will notice that the name of the SIG is now "TAPR Hot Technology APRS."

-----Original Message-----
From: Richard Carter [mailto:rcarter@isi.com]
Sent: Sunday, January 30, 2000 8:00 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] TH-D700A

Discussions related to the TH-D7 and TM-D700 would probably be of interest to both groups, since the two radios are so closely related. Is the discussion group willing to open discussion to topics related to the new radio? If so, should the discussion group be renamed?

Rich Carter - KE1EV

You are currently subscribed to htaprs as: STAN_HORZEPA@ADC.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

391. [htaprs] Re: TH-D700A

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Mon, 31 Jan 2000 15:33:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63704-2000.01.31-15.42.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard, if you are referring to the HTAPRS list accomodating discussion of both the THD7 and TMD700, yes, it is already occuring. The list name used to refer specifically to the Kenwood HT, now it means "Hot Technology", so it covers a wider scope of newer hit tech radios.

If you are referring to cross-posting Kenwood radio-related information to APRSSIG, it does happen; however users are asked to keep as much of the Kenwood D7/D700 stuff on the HT list if at all possible.

Jim NØRMO Omaha, NE

> Discussions related to the TH-D7 and TM-D700 would probably be of interest
> to both groups, since the two radios are so closely related. Is the
> discussion group willing to open discussion to topics related to the new
> radio? If so, should the discussion group be renamed?
> Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

392. [htaprs] HTX-202

From: "Adrian Brookes" <adrianbrookes@hotmail.com>
Date: Mon, 31 Jan 2000 22:24:36 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63794-2000.01.31-21.21.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I opened the newly acquired 202 today as a result of noticing that the mic and speaker are plug and socketed onto a pc board inside.

What I found is what appears to be enough room to fit a MIM
module and wire it directly to the 202 inside, and possible
route the GPS cable (GPS135) through the unused speaker
jack.

Radio looks well built, well heat sunk on the TX side.

Cheers, Adrian

Where am I??
while driving: http://map.aprs.net/ve3rhk-9
while sailing: http://map.aprs.net/ve3rhk-5
while flying: http://map.aprs.net/ve3rhk-7
(experimental system - not always functioning)

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

February 2000

Original source file: htaprs.0002
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0002

1. [htaprs] D700 Packet Mode

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Tue, 1 Feb 2000 02:20:22 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63866-2000.02.01-02.18.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Discovered some new things playing with the TMD700 in PACKET mode. There are a few things in the TNC command set that are not in the manual:

SOFTDCD ON
GPSFILT1
GPSFILT2
GPSFILT3
GPSFILT4

It apparently has selectable SOFTWARE DCD (True? DCD) when in Packet mode only. I set SOFTDCD ON, then left the squelch all the way open, with volume high (so I could hear what's going on). When I connected to a local BBS, it ignored the open audio and transmitted when it needed to. However, it looks like it's not playing nice, because it transmitted even when there were other strong packet signals on frequency. I was set for 1200 baud on a 1200 baud network. Now I need to experiment and see if SOFTDCD carries over to the APRS mode!

The GPSFILTx commands are not in the manual, but looks like it may have something to do with GPSTEXT. Anyone else seen this or know what they're for?

I'm sure there are lots more goodies waiting to be discovered here - just starting to work here on documenting the PACKET side of the radio. I'm off to capture UO22!

Jim N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] Re: D700 Packet Mode

From: Jon Ogden <jono@enteract.com>
Date: Tue, 01 Feb 2000 06:59:44 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63886-2000.02.01-06.55.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/1/00 2:20 AM, Jim Gill at jimgill@ix.netcom.com wrote:

> It apparently has selectable SOFTWARE DCD (True? DCD) when in Packet mode
> only. I set SOFTDCD ON, then left the squelch all the way open, with volume
> high (so I could hear what's going on). When I connected to a local BBS, it
> ignored the open audio and transmitted when it needed to. However, it looks
> like it's not playing nice, because it transmitted even when there were
> other strong packet signals on frequency. I was set for 1200 baud on a 1200
> baud network. Now I need to experiment and see if SOFTDCD carries over to
> the APRS mode!

Well, the TH-D7A has a SOFTDCD command but it doesn't seem to work - at least not at 9600 baud. The radio would not transmit with the squelch all the way open. I guess the pendulum swung too far the other way with the TM-D700????

You may wish to note that the decode ability of the TM-D700A and TH-D7A TNCs as compared to say a KPC-3+ is rather poor. My KPC-3+ REGULARLY decodes packets which don't even show up on the S-meter. For the Kenwood TNCs to decode a packet, you need to have a full scale reading (I think the TM-D700A manual even says this!). That is one of my gripes. And to you hyper folks out there, no, this is NOT Kenwood bashing, it's a fact and Kenwood needs to realize it and improve their TNCs.

So given the fact that the Kenwood TNCs are not real good at decoding

packets and miss all but the strongest (if you doubt me, watch how many APRS packets do not get decoded during a drive to work), SOFT DCD may not be the answer. If a packet comes in at 3/4 scale, the TNC might not recognize it since it can't decode it and so it transmits.

My guess is audio DCD is unfortunately the way to go on this. And since you can't decode packets in the noise, well so what.....

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Re: D700 Packet Mode

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Tue, 01 Feb 2000 10:51:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63904-2000.02.01-09.49.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe DCD is not the right use of the abbreviation. The setting which is labeled DCD on the D700 appears to be only a open squelch detector. I have not formulated an opinion on what method is the best yet. I am leaning toward believing hardware is the best solution I have seen.

I have not had the experience of setting up the D700 on a fixed antenna with proper grounding yet, so I can't comment on it's ability to decode packets there. I can compare the radio to my last setup in the mobile which was an Icom IC2000 and a Tiny 2 with hardware DCD option. At 1200 baud I perceive the D700 to be ever so slightly better on receive, and clearly better at transmit. I am guessing that this could be due to the fact that the D700 TNC audio levels are set in a measurable, and controllable environment within the radio. I can't say that about my Icom/Tiny 2 setup.

Although I am pleased with what appears to be a better mobile setup, I would like to see if there are any published specs that anyone has run for TNC performance. Are there measurements that we can apply to TNC/Radio combinations? I think we can all agree that the arbitrary S meter on most radios are not a good measure of performance compared to received and decoded signals.

Dennis, N2LBT

>> on 2/1/00 2:20 AM, Jim Gill at jimgill@ix.netcom.com wrote:
>
>> It apparently has selectable SOFTWARE DCD (True? DCD) when in Packet mode
>> only. I set SOFTDCD ON, then left the squelch all the way open, with volume
>> high (so I could hear what's going on). When I connected to a local BBS, it
>> ignored the open audio and transmitted when it needed to. However, it looks
>> like it's not playing nice, because it transmitted even when there were
>> other strong packet signals on frequency. I was set for 1200 baud on a 1200
>> baud network. Now I need to experiment and see if SOFTDCD carries over to
>> the APRS mode!
>
> Well, the TH-D7A has a SOFTDCD command but it doesn't seem to work - at
> least not at 9600 baud. The radio would not transmit with the squelch all
> the way open. I guess the pendulum swung too far the other way with the
> TM-D700????
>
> You may wish to note that the decode ability of the TM-D700A and TH-D7A TNCs
> as compared to say a KPC-3+ is rather poor. My KPC-3+ REGULARLY decodes

> packets which don't even show up on the S-meter. For the Kenwood TNCs to
> decode a packet, you need to have a full scale reading (I think the TM-D700A
> manual even says this!). That is one of my gripes. And to you hyper folks
> out there, no, this is NOT Kenwood bashing, it's a fact and Kenwood needs to
> realize it and improve their TNCs.
>
> So given the fact that the Kenwood TNCs are not real good at decoding
> packets and miss all but the strongest (if you doubt me, watch how many APRS
> packets do not get decoded during a drive to work), SOFT DCD may not be the
> answer. If a packet comes in at 3/4 scale, the TNC might not recognize it
> since it can't decode it and so it transmits.
>
> My guess is audio DCD is unfortunately the way to go on this. And since you
> can't decode packets in the noise, well so what.............
>
>
> 73,
>
> Jon
> KE9NA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Re: APRS Telemetry from STENSAT

From: "Steven K. Ng" <skng@iex.net>
Date: Tue, 1 Feb 2000 08:41:49 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63913-2000.02.01-10.39.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been curious about this feature. I'm not sure how to use this
feature. According to the manual, it is supposed to filter data.
I've set it to values other than APK001 (I tried TELEM) and left the
radio on 144.39 -- just to see what happens. I saw no change in the
TMD7's behavior. I seem to receive all data. All APRS data display
and all stations appear when I press the list button.

Steven

At 16:27 -0500 1/31/2000, Bob Bruninga wrote:
>THE GOOD NEWS: In the Kenwoods you can change the given UNPROTO or ALTNET
>call from APK001 to TELEM, to set your radio to operate with ONLY other
>stations using that ALTNET callsign and then your THD7 HT or TMD700
>mobile radio should receive the STENSAT telemetry directly...
>
>THE BAD NEWS: is that if you forget to return your ALTNET setting back to
>APK001 (for the HT) or APK101? for the mobile radio, then you wont copy
>any more packets on 144.39... SO dont forget!
--
Steven Ng | If we bring a little joy into your hum drum lives, it
N6IQA | makes us feel as though our hard work ain't been in vain
skng@iex.net | for nothing -- Leena Lamont, Singin' in the Rain

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: D700 Packet Mode

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Feb 2000 11:52:13 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-63914-2000.02.01-10.52.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 1 Feb 2000, Jon Ogden wrote:

> You may wish to note that the decode ability of the TM-D700A and TH-D7A TNCs
> as compared to say a KPC-3+ is rather poor. My KPC-3+ REGULARLY decodes
> packets which don't even show up on the S-meter. For the Kenwood TNCs to
> decode a packet, you need to have a full scale reading (I think the TM-D700A
> manual even says this!). That is one of my gripes. And to you hyper folks
> out there, no, this is NOT Kenwood bashing, it's a fact and Kenwood needs to
> realize it and improve their TNCs.

Well, it depends. I think a properly "transmitted" 1200 baud packet it
receives very well. But it does appear that it has problems with most of
the non-optimum packets we see on the air. I would love to hear what two
THD7's can do between each other....

ALSO, please note....
  At 9600 baud, the radios willl decode with only 1 LCD segment
lit. and even will get short packets with NO LCD's lit! Remeber, the
Kenwood radios evolved from mobile Kenwood data systems in JAPAN that use
9600 baud. My thought is that they took this "excellently" engineered
9600 baud system and then figured they had to add a 1200 baud capability
to work with APRS in the USA.

I am now using my THD7 as my 9600 baud satellite downlink receiver using
only a 19" whip on the 435 downlinks, and get good data whenever the
satelite is above 20 degrees. Remember, most other pacsat operators are
using 8 foot long high gain UHF cross polarized arrays to do the same
thing... (but they get twice the pass lenght since they can capture all
the way to the horzon... I cant due to my lowergain omni antennna...

So, anyone want to get some quantitive data with one D7 receiving anotehr
D7 (direct?)

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Re: D700 Packet Mode

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Feb 2000 11:58:26 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-63915-2000.02.01-10.55.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 1 Feb 2000, Dennis Hudson, N2LBT wrote:

> Although I am pleased with what appears to be a better mobile setup, I
> would like to see if there are any published specs that anyone has run for
> TNC performance. Are there measurements that we can apply to TNC/Radio
> combinations? I think we can all agree that the arbitrary S meter on most
> radios are not a good measure of performance compared to received and
> decoded signals.

For the APRSat that never made it, I tested the THD7 in receive against
our KPC-3 in the satellite driving a HP sig gen to make sure the
modulation was perfect. The THD7 decoded packets down to -119 dBm. The
Kewnood engineers claimed only -117. So even if you take the more
conservative value of -117 thats full packet decode at 0.3 Microvolts.

Or if you believe my test, thats 0.25 uv....

Pretty darn good. But then I would love to see more data....

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] rubber ducks with counterpoise

From: jfkorenz@goodyear.com
Date: Tue, 1 Feb 2000 12:11:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63918-2000.02.01-11.07.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,
     Well here is an update on the antenna tests. This
time the 2 M tests were run with a "ground plane" or
counterpoise consisting of four, 19 inch long #18 copper
wires soldered to an 1 1/2 square piece of brass

shim stock. The brass piece was wedged between the
2 connectors in the unidapter connector. In all
cases, the return loss was worse. In all cases
but one, the antenna's resonant frequency did not
change. You can draw your own conclsions.

Kenwood TH-D7A antenna

max resonance at 160 MHz return loss = 9.5 DB SWR= 2.0 (2.0 DB)
144   2 DB SWR 8.7   (2.0 DB)
145   2.3 DB SWR 7.8   (1.7 DB)
146 2.5 DB SWR 7.0   (1.8 DB)
147 2.7 DB SWR 6.5   (1.9 DB)
148 3.0 DB SWR 5.8   (2.0 DB)

max resonance at 312 MHZ return loss = 7.5 DB SWR = 2.5
420 2 DB SWR 8.7
430 2 DB SWR 8.7
440 2 DB SWR 8.7
450 2 DB SWR 8.7

COMET SMA 503 DUAL BAND ANTENNA

max resonance at 151 MHz return loss = 4.2 DB SWR = 4.2   (2.0 DB)
144 3.2 DB SWR 5.6   (1.7 DB)
145 3.5 DB SWR 5.0   (1.8 DB)
146 3.5 DB SWR 5.0   (1.9 DB)
147 3.6 DB SWR 5.6   (1.9 DB)
148 3.7 DB SWR 4.8   (2.0 DB)

max resonance at 460 MHz return loss = 20 DB SWR = 1.22
420 6 DB SWR 3.1
430 7 DB SWR 2.6
440 9.2 DB SWR 2.05
450 12.5 DB SWR 1.62

ICOM FA-S270B SMA TRI-BAND ANTENNA FROM T8-A

max resonance at 146.3 MHz return loss = 18 DB SWR=1.288   (9.1 DB)
144 6 DB SWR 3.1   (2.7 DB)
145 9 DB SWR 2.1   (4.5 DB)
146 17 DB SWR 1.329   (8.0 DB)
147 12 DB SWR 1.67   (9.1 DB)
148 6 DB SWR 3.1   (8.0 DB)

max resonance at 380 MHZ return loss = 13.8 SWR=1.5
420 5.2 DB SWR = 3.4
430 5.2 DB SWR = 3.4
440 5 DB SWR = 3.57
450 4 DB SWR = 4.4

max resonance at 52 MHz return loss = 35 DB SWR = 1.036
10 DB (SWR=1.92) at 51.9 MHz and 52.3 MHz
5 DB (SWR=3.57) at 51.6 MHz and 52.5 MHz

ICOM FA-1443B BNC ANTENNA for 24-AT

max res at 141.5 MHz return loss = 13.5 DB SWR=1.54   (144 MHz 4.9 DB)
144 9 DB SWR=2.1   (4.9 DB)
145 7 DB SWR= 1.53   (4.6 DB)
146 5.5 DB SWR= 3.3   (4.0 DB)
147 4 DB SWR= 4.4   (3.2 DB)
148 3.2 DB SWR=5.55   (2.6 DB)

max resonance at 360 MHz return loss= 10 DB SWR = 1.9
420 3.8 DB SWR=4.6
430 3.8 DB SWR= 4.6
440 3.2 DB SWR= 5.55
450 3.0 DB SWR= 5.85

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: APRS Telemetry from STENSAT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Feb 2000 12:14:11 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-63920-2000.02.01-11.12.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 1 Feb 2000, Steven K. Ng wrote:

> I've been curious about this feature. I'm not sure how to use this
> feature. According to the manual, it is supposed to filter data.
> I've set it to values other than APK001 (I tried TELEM) and left the
> radio on 144.39 -- just to see what happens. I saw no change in the
> TMD7's behavior. I seem to receive all data. All APRS data display
> and all stations appear when I press the list button.

Interesting! Hummh...
Well, it "should" have filtered data.. and I did the same test before I
sent that Email, and mine did ignore everytthing except packets to TELEM.
Remember, there is lots of wildcarding going on. ANYTHIng beginnning with
APxxxx will still accept ALL aprs packets. Also, all raw GPS trackerrs
will also get though as well as all other Mic'E's. IE, anything that
doesnt use a possible ALT-NET call must get thorugh. But anything that
does have a different alt-net call, an also not matching any of the
wildcards, shoudl not....

Can you confirm that?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: [aprssig] APRS Telemetry from STENSAT

From: "Paul Plasters" <peplasters@rockford.com>
Date: Thu, 3 Feb 2000 04:37:15 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <aprsnews@tapr.org>, <amsat-bb@amsat.org>, <htaprs@tapr.org>
Message-ID: <LYR845-63925-2000.02.01-11.30.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
MUCH CHOPPED
>
>THE GOOD NEWS: In the Kenwoods you can change the given UNPROTO or ALTNET
>de WB4APR, Bob

Bob, is there any other manufacturers making similar radios? Kenwood really
burned me a couple of years ago, and I will do with out before I buy from
them again. I have been waiting for ICOM or YAESU etc to come out with
competition.
73 Thanks, Paul

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] info needed for Telemetry from STENSAT

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Tue, 1 Feb 2000 19:40:04 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63926-2000.02.01-11.35.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

Please could some one supply me with some info for STENSAT.

I just need to know the following.

Uplink (If any) Downlink (144.390)
Unproto (TELEM)
data speed 9600 or 1200bps ?

And if any one know's of any good passes over South Africa.

I hope that this will light the fire of intrest again with APRS in South
Africa. It seem's to have died out over the past few day's.

Many thanks

Peter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Re: rubber ducks with counterpoise

From: "Jeff Tong" <brcomm@imt.net>
Date: Tue, 1 Feb 2000 10:49:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63927-2000.02.01-11.51.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would think it would be better to test the antennas on a dummy radio
chassis held in a normal talking position by a human. IMHO

Jeff
-----Original Message-----
From: jfkorenz@goodyear.com <jfkorenz@goodyear.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Tuesday, February 01, 2000 10:01 AM
Subject: [htaprs] rubber ducks with counterpoise

>Hi All,
>   Well here is an update on the antenna tests. This
>time the 2 M tests were run with a "ground plane" or
>counterpoise consisting of four, 19 inch long #18 copper
>wires soldered to an 1 1/2 square piece of brass
>shim stock. The brass piece was wedged between the
>2 connectors in the unidapter connector. In all
>cases, the return loss was worse. In all cases
>but one, the antenna's resonant frequency did not
>change. You can draw your own conclsions.
>
>
>Kenwood TH-D7A antenna
>
>max resonance at 160 MHz return loss = 9.5 DB SWR= 2.0 (2.0 DB)
>144   2 DB SWR 8.7   (2.0 DB)
>145   2.3 DB SWR 7.8   (1.7 DB)
>146 2.5 DB SWR 7.0   (1.8 DB)
>147 2.7 DB SWR 6.5   (1.9 DB)
>148 3.0 DB SWR 5.8   (2.0 DB)
>
>max resonance at 312 MHZ return loss = 7.5 DB SWR = 2.5
>420 2 DB SWR 8.7
>430 2 DB SWR 8.7
>440 2 DB SWR 8.7
>450 2 DB SWR 8.7
>
>COMET SMA 503 DUAL BAND ANTENNA
>
>max resonance at 151 MHz return loss = 4.2 DB SWR = 4.2   (2.0 DB)
>144 3.2 DB SWR 5.6   (1.7 DB)
>145 3.5 DB SWR 5.0   (1.8 DB)
>146 3.5 DB SWR 5.0   (1.9 DB)
>147 3.6 DB SWR 5.6   (1.9 DB)
>148 3.7 DB SWR 4.8   (2.0 DB)
>
>max resonance at 460 MHz return loss = 20 DB SWR = 1.22
>420 6 DB SWR 3.1
>430 7 DB SWR 2.6
>440 9.2 DB SWR 2.05
>450 12.5 DB SWR 1.62
>
>ICOM FA-S270B SMA TRI-BAND ANTENNA FROM T8-A
>
>max resonance at 146.3 MHz return loss = 18 DB SWR=1.288   (9.1 DB)

>144 6 DB SWR 3.1   (2.7 DB)
>145 9 DB SWR 2.1   (4.5 DB)
>146 17 DB SWR 1.329   (8.0 DB)
>147 12 DB SWR 1.67   (9.1 DB)
>148 6 DB SWR 3.1   (8.0 DB)
>
>max resonance at 380 MHZ return loss = 13.8 SWR=1.5
>420 5.2 DB SWR = 3.4
>430 5.2 DB SWR = 3.4
>440 5 DB SWR = 3.57
>450 4 DB SWR = 4.4
>
>max resonance at 52 MHz return loss = 35 DB SWR = 1.036
>10 DB (SWR=1.92) at 51.9 MHz and 52.3 MHz
>5 DB (SWR=3.57) at 51.6 MHz and 52.5 MHz
>
>ICOM FA-1443B BNC ANTENNA for 24-AT
>
>max res at 141.5 MHz return loss = 13.5 DB SWR=1.54   (144 MHz 4.9 DB)
>144 9 DB SWR=2.1   (4.9 DB)
>145 7 DB SWR= 1.53   (4.6 DB)
>146 5.5 DB SWR= 3.3   (4.0 DB)
>147 4 DB SWR= 4.4   (3.2 DB)
>148 3.2 DB SWR=5.55   (2.6 DB)
>
>max resonance at 360 MHz return loss= 10 DB SWR = 1.9
>420 3.8 DB SWR=4.6
>430 3.8 DB SWR= 4.6
>440 3.2 DB SWR= 5.55
>450 3.0 DB SWR= 5.85
>
>
>
>
>---
>You are currently subscribed to htaprs as: BRCOMM@IMT.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Need source for tripmate and D700 GPS tip plug

From: "Richard Carter" <rcarter@isi.com>
Date: Tue, 1 Feb 2000 12:18:22
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63928-2000.02.01-12.15.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm tired of my Garmin GPS sliding all over my dashboard, so I'm looking
for a small, self-contained GPS sensor like the tripmate. A quick search
turned up no suppliers, however. It appears that the earthmate has
replaced the tripmate. Does anyone have an suggestion for an inexpensive
replacement for the tripmate, or does anyone know where they can still be
purchased?

Also, Radio Shack does not sell 2.5 mm two conductor micro-phone plugs.
I'd like to wire up a second GPS cable for my D700. Does anyone know where
these plugs can be purchased?

Thanks
Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Tripmate Info

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Tue, 1 Feb 2000 11:18:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63929-2000.02.01-12.21.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard,
    Try Office Depot, they have them here in greeley for around $200.00

Peter Anderson
N0WRE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: [aprssig] APRS Telemetry from STENSAT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Feb 2000 13:45:08 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
aprsnews@tapr.org, amsat-bb@amsat.org, htaprs@tapr.org
Message-ID: <LYR845-63935-2000.02.01-12.43.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not that I know of. and I hope I would be the first to know...
Too bad. I find them a remarkable companey with good enginners and an
interest in giving amateur radio what they want and need...

But I guess one can always find bad examples... :-(

Bummer
bob

On Thu, 3 Feb 2000, Paul Plasters wrote:

>
>
>
> -----Original Message-----
> From: Bob Bruninga <bruninga@nadn.navy.mil>
> MUCH CHOPPED
> >
> >THE GOOD NEWS: In the Kenwoods you can change the given UNPROTO or ALTNET
> >de WB4APR, Bob
>
>
> Bob, is there any other manufacturers making similar radios? Kenwood really
> burned me a couple of years ago, and I will do with out before I buy from
> them again. I have been waiting for ICOM or YAESU etc to come out with
> competition.
> 73 Thanks, Paul
>
>
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Re: Need source for tripmate and D700 GPS tip plug

From: smorris@mindspring.com
Date: Tue, 01 Feb 2000 13:46:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-63936-2000.02.01-12.43.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have purchased a Rand-McNally GPS, that is very much like the TripMate, and it outputs NMEA. But I have not tested it yet, hopefully within the next few days. They can be purchased at Best Buy for $79 (incl StreetFinder software). Or directly from RM fro $79 just for the GPS.

I have seen on this list where some have gotten it to work.

Scott Morris
KF4SNV
Richard Carter <rcarter@isi.com> wrote:
> I'm tired of my Garmin GPS sliding all over my dashboard, so I'm looking
for a small, self-contained GPS sensor like the tripmate. A quick search
turned up no suppliers, however. It appears that the earthmate has
replaced the tripmate. Does anyone have an suggestion for an inexpensive
replacement for the tripmate, or does anyone know where they can still be
purchased?

Also, Radio Shack does not sell 2.5 mm two conductor micro-phone plugs.
I'd like to wire up a second GPS cable for my D700. Does anyone know where
these plugs can be purchased?

Thanks
Rich Carter - KE1EV

You are currently subscribed to htaprs as: smorris@mindspring.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Dashboards and GPS's

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Feb 2000 13:52:40 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-63937-2000.02.01-12.50.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I'm tired of my Garmin GPS sliding all over my dashboard, so...

This isnt the answer you were looking for, but I saw K5QQ using sections
of rubber carpet non-skid to hold his laptop, GPS and RADIOS and was
absolutely amazed. Duct tape wont even stick to modern dashboards, but
this non-skid rubber stuff wont slip until the car turns over!

I went right out and invested a few bucks at the nearest hardware store
and cut it up into lots of 6 inch squares. Now I can place anything
anywhere in the car, on the seats, dashboard, floor board, carpet, and it
stays put! I was kicking myself for not having discovered this stuff 20
years ago in my amateur radio carreer.

NO, THIS WILL NOT PASS GOVERNMENT OR OSHA requirements for DRIVING
SAFETY... but it works :-)

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: [aprssig] Dashboards and GPS's

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Feb 2000 14:24:08 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-63947-2000.02.01-13.22.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 1 Feb 2000, Jim Sanford wrote:

> Bob:
> what non-skid product do you ask for???

Good question. I went to a fabric store and they had what they called rug
non-skid. But it wasnt it.. I then went to ACE Hardware and it was the
right stuff. It is carpet non-skid for throw rugs.

The stuff looks kinda like cheeze cloth that has been dipped in goop...
(Its dry, of course)... In other words an open weave with the consistency
of rubber bands...

Hope that helps.

Oh yes, things will FLY and ROLL OVER but they wont "slide" <grin>

bob

 >
Jim
>
>
> Bob Bruninga wrote:
>
> > > I'm tired of my Garmin GPS sliding all over my dashboard, so...
> >
> > This isnt the answer you were looking for, but I saw K5QQ using sections
> > of rubber carpet non-skid to hold his laptop, GPS and RADIOS and was
> > absolutely amazed. Duct tape wont even stick to modern dashboards, but
> > this non-skid rubber stuff wont slip until the car turns over!
> >
> > I went right out and invested a few bucks at the nearest hardware store
> > and cut it up into lots of 6 inch squares. Now I can place anything
> > anywhere in the car, on the seats, dashboard, floor board, carpet, and it
> > stays put! I was kicking myself for not having discovered this stuff 20
> > years ago in my amateur radio carreer.
> >
> > NO, THIS WILL NOT PASS GOVERNMENT OR OSHA requirements for DRIVING
> > SAFETY... but it works :-)
> >
> > Bob
> >
> > ---
> > You are currently subscribed to aprssig as: wb4gcs@home.com
> > To unsubscribe send a blank email to leave-aprssig-11931R@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: [aprssig] Re: Dashboards and GPS's

From: Douglas Woodruff <w4law@mindspring.com>
Date: Tue, 01 Feb 2000 14:50:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-63957-2000.02.01-13.48.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can also find this stuff at Wal-Mart in the shelf paper area. It's just like
Bob described and comes in tan, blue, etc. Housewives use it to protect delicate
dishes etc.

Doug, W4LAW

Bob Bruninga wrote:

> On Tue, 1 Feb 2000, Jim Sanford wrote:
>
> > Bob:
> > what non-skid product do you ask for???
>
> Good question. I went to a fabric store and they had what they called rug
> non-skid. But it wasnt it.. I then went to ACE Hardware and it was the
> right stuff. It is carpet non-skid for throw rugs.
>

> The stuff looks kinda like cheeze cloth that has been dipped in goop...
> (Its dry, of course)... In other words an open weave with the consistency
> of rubber bands...
>
> Hope that helps.
>
> Oh yes, things will FLY and ROLL OVER but they wont "slide" <grin>
>
> bob
>
> >
> Jim
> >
> >
> > Bob Bruninga wrote:
> >
> > > > I'm tired of my Garmin GPS sliding all over my dashboard, so...
> > >
> > > This isnt the answer you were looking for, but I saw K5QQ using sections
> > > of rubber carpet non-skid to hold his laptop, GPS and RADIOS and was
> > > absolutely amazed. Duct tape wont even stick to modern dashboards, but
> > > this non-skid rubber stuff wont slip until the car turns over!
> > >
> > > I went right out and invested a few bucks at the nearest hardware store
> > > and cut it up into lots of 6 inch squares. Now I can place anything
> > > anywhere in the car, on the seats, dashboard, floor board, carpet, and it
> > > stays put! I was kicking myself for not having discovered this stuff 20
> > > years ago in my amateur radio carreer.
> > >
> > > NO, THIS WILL NOT PASS GOVERNMENT OR OSHA requirements for DRIVING
> > > SAFETY... but it works :-)
> > >
> > > Bob
> > >
> > > ---
> > > You are currently subscribed to aprssig as: wb4gcs@home.com
> > > To unsubscribe send a blank email to leave-aprssig-1765I@lists.tapr.org
> >
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
> ---
> You are currently subscribed to aprssig as: W4LAW@MINDSPRING.COM
> To unsubscribe send a blank email to leave-aprssig-1765I@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Re: D700 Packet Mode

From: "Jon Ogden" <jono@enteract.com>
Date: Tue, 1 Feb 2000 14:06:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63958-2000.02.01-14.12.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> Well, it depends. I think a properly "transmitted" 1200 baud packet it
> receives very well. But it does appear that it has problems with most of
> the non-optimum packets we see on the air. I would love to hear what two
> THD7's can do between each other....
>

Well I am certain that my KPC-3+ will decode MORE packets than the TM-D700A
or TH-D7A.
And this makes no difference regardless of whether or not the packets are
"properly" transmitted.

This morning on the way in to work, I watched the packet monitor and very
few packets actually got decoded.

Anyhow, why not compare a TM-D700A to a KPC-3+?

I am glad though that the 9600 baud side seems to be better. I was curious
with how it would
work with the PACSATS being that it is rare you get a satellite that gives
you an S9 signal.

73,

Jon
KE9NA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] Re: Dashboards and GPS's

From: Richard Carter <rcarter@isi.com>
Date: Tue, 1 Feb 2000 15:30:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "htaprs@tapr.org" <htaprs@tapr.org>
Message-ID: <LYR845-63962-2000.02.01-14.28.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks all for the help. Delorme still has a few tripmates in stock. I plan to order one just as soon as I verify that this is the best available price. I suspect that it can be used without modification on the D700 by wiring power in from the radio serial port. This means making a simple custom harness. This would protect my warranty.

I plan to occasionally remove my radio from my car and mount it on the boat. She has a JRC GPS, hence my question about finding a supply for that tiny tip plug used to interface the gps to the radio. No responses on that, so I guess everyone is puzzled. I did find a 1/8th inch to 2.5mm adapter at Radio Shack, but this is a messy solution. I can see accidentally tugging on the GPS cable and snapping off the plug. Kenwood could have selected a more robust connector.

Sliding around the dash is not the only problem with using the Garmin. Having it on the dash invites theft, overexposure to sunlight is bad for the display, and most importantly, it doesn't turn on/off with the ignition key; well maybe it would if the internal batteries were dead, which is assured in short order if I forget to turn it off. On the whole, the Garmin is poorly conceived, but it is paid for...

Thanks
Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Re: APRS Telemetry from STENSAT

From: "Steven K. Ng" <skng@iex.net>
Date: Tue, 1 Feb 2000 13:13:00 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63976-2000.02.01-15.12.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think you answered the question. I've been seeing raw GPS trackers
and Mic-E's. Thanks for the help this beginner.

Steven

At 12:14 -0500 2/1/2000, Bob Bruninga wrote:
>Interesting! Hummh...
>Well, it "should" have filtered data.. and I did the same test before I
>sent that Email, and mine did ignore everytthing except packets to TELEM.
>Remember, there is lots of wildcarding going on. ANYTHIng beginnning with
>APxxxx will still accept ALL aprs packets. Also, all raw GPS trackerrs
>will also get though as well as all other Mic'E's. IE, anything that
>doesnt use a possible ALT-NET call must get thorugh. But anything that
>does have a different alt-net call, an also not matching any of the
>wildcards, shoudl not....
>
>Can you confirm that?
--
Steven Ng | If we bring a little joy into your hum drum lives, it
N6IQA | makes us feel as though our hard work ain't been in vain

sknq@iex.net | for nothing -- Leena Lamont, Singin' in the Rain

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: Re: Dashboards and GPS's

From: Chris Arndt <carndt@slonet.org>
Date: Tue, 1 Feb 2000 13:22:00 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        "htaprs@tapr.org" <htaprs@tapr.org>
Message-ID: <LYR845-63980-2000.02.01-15.19.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, you are still gonna have to trick the Tripmate into working somehow.
It needs to hear "ASTRAL" on the rx data line to initialize, and
coincidentally sends ASTRAL on the tx line at powerup. The common mod is
to open it up and do a little soldering.
http://www.qsl.net/kd4rdb/tripmate.htm has the details. I suppose you
could make your custom harness do the same.

On Tue, 1 Feb 2000, Richard Carter wrote:

> Thanks all for the help. Delorme still has a few tripmates in stock. I
> plan to order one just as soon as I verify that this is the best
> available price. I suspect that it can be used without modification on
> the D700 by wiring power in from the radio serial port. This means
> making a simple custom harness. This would protect my warranty.

>
> I plan to occasionally remove my radio from my car and mount it on the
> boat. She has a JRC GPS, hence my question about finding a supply for
> that tiny tip plug used to interface the gps to the radio. No responses
> on that, so I guess everyone is puzzled. I did find a 1/8th inch to
> 2.5mm adapter at Radio Shack, but this is a messy solution. I can see
> accidentally tugging on the GPS cable and snapping off the plug.
> Kenwood could have selected a more robust connector.

>
> Sliding around the dash is not the only problem with using the Garmin.
> Having it on the dash invites theft, overexposure to sunlight is bad for
> the display, and most importantly, it doesn't turn on/off with the
> ignition key; well maybe it would if the internal batteries were dead,
> which is assured in short order if I forget to turn it off. On the
> whole, the Garmin is poorly conceived, but it is paid for...

>
> Thanks
> Rich Carter - KE1EV
>
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: Re: Dashboards and GPS's

From: Chris Arndt <carndt@slonet.org>
Date: Tue, 1 Feb 2000 13:27:23 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        "htaprs@tapr.org" <htaprs@tapr.org>
Message-ID: <LYR845-63982-2000.02.01-15.24.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oh, and the other part of the mod is to put the Tripmate into STANDBY mode
at powerup, so it will send ASTRAL out the tx pin. You'll have to do that
in your harness, too.

FWIW, I'm using a Tripmate with my D700. I modded it internally, and am
using the Delorme lighter plug to power it.

On Tue, 1 Feb 2000, Richard Carter wrote:

> Thanks all for the help. Delorme still has a few tripmates in stock. I plan to order one just as soon as I verify that this is the best available price. I suspect that it can be used without modification on the D700 by wiring power in from the radio serial port. This means making a simple custom harness. This would protect my warranty.
>
> I plan to occasionally remove my radio from my car and mount it on the boat. She has a JRC GPS, hence my question about finding a supply for that tiny tip plug used to interface the gps to the radio. No responses on that, so I guess everyone is puzzled. I did find a 1/8th inch to 2.5mm adapter at Radio Shack, but this is a messy solution. I can see accidentally tugging on the GPS cable and snapping off the plug. Kenwood could have selected a more robust connector.
>
> Sliding around the dash is not the only problem with using the Garmin. Having it on the dash invites theft, overexposure to sunlight is bad for the display, and most importantly, it doesn't turn on/off with the ignition key; well maybe it would if the internal batteries were dead, which is assured in short order if I forget to turn it off. On the whole, the Garmin is poorly conceived, but it is paid for...
>
> Thanks
> Rich Carter - KE1EV
>
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] Re: Need source for tripmate and D700 GPS tip plug

From: "Cor Knijnenburg" <corknijnenburg@scg-inc.com>
Date: Tue, 1 Feb 2000 15:40:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63987-2000.02.01-15.37.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone a picture of this GPS? The randmcnally website doesn't show a picture.
Plus does it work on a DH7?

-----Original Message-----
From: bounce-htaprs-8833@lists.tapr.org
[mailto:bounce-htaprs-8833@lists.tapr.org]On Behalf Of
smorris@mindspring.com
Sent: Tuesday, February 01, 2000 12:47 PM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] Re: Need source for tripmate and D700 GPS tip plug

I have purchased a Rand-McNally GPS, that is very much like the TripMate, and it outputs NMEA. But I have not tested it yet, hopefully within the next few days. They can be purchased at Best Buy for $79 (incl StreetFinder software). Or directly from RM fro $79 just for the GPS.

I have seen on this list where some have gotten it to work.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: Dashboards and GPS's

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Tue, 01 Feb 2000 17:55:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-63997-2000.02.01-16.54.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am also using a Tripmate with the DM-700. I made the auto start mods in a harness, and the voltage regulator internally. I have a question that I'm wondering if anyone has seen yet. When using this configuration, and going

into PMON mode, I see the TNC doing this:

$GPGGA,231207,3820.9939,N,07624.4219,W,1,04,1.23,-35.1,M,-33.9,M,,*55 with
GPSTEXT was $GPRMC

and visa-versa

$GPRMC,231206,A,3820.9939,N,07624.4219,W,0.000,0.0,100199,10.9,W*40
GPSTEXT was $GPGGA

Is this causing any problems with parsing, and sending GPS data? It sure
seems to take up a lot of bandwith on the radio it self, switching back and
forth between. I imagine can't change the Tripmate's sentences with out pre
processing it with at PIC, but is there a setting I can change so the radio
will be happier with both sentences?

Dennis, N2LBT

> Oh, and the other part of the mod is to put the Tripmate into STANDBY mode
> at powerup, so it will send ASTRAL out the tx pin. You'll have to do that
> in your harness, too.
>
>
> FWIW, I'm using a Tripmate with my D700. I modded it internally, and am
> using the Delorme lighter plug to power it.
>
> On Tue, 1 Feb 2000, Richard Carter wrote:
>
>> Thanks all for the help. Delorme still has a few tripmates in stock. I plan
>> to order one just as soon as I verify that this is the best available price.
>> I suspect that it can be used without modification on the D700 by wiring
>> power in from the radio serial port. This means making a simple custom
>> harness. This would protect my warranty.
>>
>> I plan to occasionally remove my radio from my car and mount it on the boat.
>> She has a JRC GPS, hence my question about finding a supply for that tiny tip
>> plug used to interface the gps to the radio. No responses on that, so I
>> guess everyone is puzzled. I did find a 1/8th inch to 2.5mm adapter at Radio
>> Shack, but this is a messy solution. I can see accidentally tugging on the
>> GPS cable and snapping off the plug. Kenwood could have selected a more
>> robust connector.
>>
>> Sliding around the dash is not the only problem with using the Garmin.
>> Having it on the dash invites theft, overexposure to sunlight is bad for the
>> display, and most importantly, it doesn't turn on/off with the ignition key;
>> well maybe it would if the internal batteries were dead, which is assured in
>> short order if I forget to turn it off. On the whole, the Garmin is poorly
>> conceived, but it is paid for...
>>
>> Thanks
>> Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] Delorme EARTHMATE.

From: "Jeff Tong" <brcomm@imt.net>
Date: Tue, 1 Feb 2000 16:49:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64001-2000.02.01-17.52.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone any experience with this reciever. I got one in a mapping package from DeLorme called 3d
Quads and have ytet to get it to work. The data stream seems to be proprietary or I'm looking at
gibberish. It runs at 4800 baud and if I go by what DeLorme says it is working, but it never gets an
almanac or resolves a position. In using it with Delorme 3D Quads or STREETS software and using an
enhanced terminal program from DeLorme I see only data streams that are mostly zeroes.
 ANY HELP PLEASE

Thanks
JEff
AA7GK

27. [htaprs] Re: Delorme EARTHMATE.

From: Chris Arndt <carndt@slonet.org>
Date: Tue, 1 Feb 2000 16:07:25 -0800 (PST)

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64003-2000.02.01-18.05.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It spits out a Rockwell binary datastream. There's a PIC out
already that will translate this into NMEA sentences. Check out

http://www.c2-tech.com/~steveb/ka9mva/earthmate.htm

On Tue, 1 Feb 2000, Jeff Tong wrote:

> Has anyone any experience with this reciever. I got one in a mapping
> package from DeLorme called 3d Quads and have ytet to get it to work.
> The data stream seems to be proprietary or I'm looking at gibberish. It
> runs at 4800 baud and if I go by what DeLorme says it is working, but it
> never gets an almanac or resolves a position. In using it with Delorme
> 3D Quads or STREETS software and using an enhanced terminal program from
> DeLorme I see only data streams that are mostly zeroes.
> ANY HELP PLEASE
>
> Thanks
> JEff
> AA7GK
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: Need source for tripmate and D700 GPS tip plug

From: Steve Gunsel <gunsel@gte.net>
Date: Tue, 01 Feb 2000 19:44:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64005-2000.02.01-18.42.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the Rand McNally gps.

It looks like a black computer mouse. Easy to hook up.
It comes with a cable that has both a DB9 serial connector
for connecting to your serial port and a PS2 connector for connecting to
the mouse port for power. Easy setup for a laptop. Not quite so for a
tracker. It works on 12 volts (I think someone reported 6 to 16
volts is OK). If you cut off the cable before the DB9 you will find
the +12vdc (red), data out, data in and ground.

It works OK, but is not as sensitive or as quick locking as your Garmin.
I have a 12XL that locks in 15 or so seconds. The Rand McNally unit
takes over four minutes,every time. Not an issue if powered and parked
in the clear continuously, or if used when the first four to five minutes
are not needed. It does work well on the dash or rear deck, but is not
sealed for outdoor exposure. Mine doesn't work at all when garaged.

Garmin makes a similar appearing unit, the 35 TracPak, that I'm sure
works better, since it has the same 12 parallel channel receiver as my 12XL.
It's also available as a model 36 TracPak, in white. Both are available
directly from Garmin for about $150. If I was going to get another,
I'd save up for the Garmin. For the price, though, the RM is OK.

Steve, N8MYA

At 03:40 PM 2/1/00 -0600, you wrote:
>Has anyone a picture of this GPS? The randmcnally website doesn't show a
>picture.
>Plus does it work on a DH7?
>
>-----Original Message-----
>From: bounce-htaprs-8833@lists.tapr.org
>[mailto:bounce-htaprs-8833@lists.tapr.org]On Behalf Of
>smorris@mindspring.com
>Sent: Tuesday, February 01, 2000 12:47 PM
>To: TAPR Hot Technology APRS
>Cc: TAPR Hot Technology APRS
>Subject: [htaprs] Re: Need source for tripmate and D700 GPS tip plug
>
>
>I have purchased a Rand-McNally GPS, that is very much like the TripMate,
>and it outputs NMEA. But I have not tested it yet, hopefully within the

>next few days. They can be purchased at Best Buy for $79 (incl StreetFinder
>software). Or directly from RM fro $79 just for the GPS.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] Re: [aprssig] Dashboards and GPS's

From: "John Langtry, VE3NEC" <ve3nec@castle.on.ca>
Date: Tue, 01 Feb 2000 21:10:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: aprssig@tapr.org, htaprs@lists.tapr.org
Message-ID: <LYR845-64013-2000.02.01-20.05.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings folks,

Bob WB4APR was not kidding when he said :

> NO, THIS WILL NOT PASS GOVERNMENT OR OSHA requirements for DRIVING
> SAFETY... but it works :-)

It's time once again for my annual reminder to all
that putting *anything* on or in front of your
dashboard is just asking for a disaster ! If you
have a modern vehicle, it very likely is equipped
with "air bags".

These devices contain a very high explosive charge,
which in the event of an accident "deploy" with
unbelievable velocity. (The less you know about
how an air bag works, the better; and all three
of the U.S. makers want it kept that way !)

One option, in Canada only, is to have the air
bag(s) removed. (We all wear our seat belts and
are not required under Canadian law.) In the U.S.
you, I believe, have to jump through hops to get
them turned off or removed.)

The *other* option, is to read your Owner's Manual,
you know, that book that, by Law, must be in every
vehicle manufactured - and the same book that only
14 % of you ever read; and then, only when there's
something wrong with the vehicle !

If you have the *slightest* doubt about how your
airbags could "deploy" and where it's safe to mount
your GPS and / or radio equipment, please contact
the service manager of your local dealership. All
of the Big Three have various technical bulletins
which address this issue. Don't risk it; ASK !

Remember, the life you save might not be your
own, but someone whom you love very dearly !

My vy 73 to you all, de John VE3NEC

--

                        John Langtry, VE3NEC
                         Credit Lodge # 219
                           905-873-8715
                        mailto:ve3nec@rac.ca
                        mailto:johnl@theatreorgans.com
                           * * * * *

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] RM GPS

From: "Adrian Brookes" <adrianbrookes@hotmail.com>
Date: Tue, 01 Feb 2000 21:50:50 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64019-2000.02.01-20.48.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any idea what the RM unit draws for current??

Cheers, Adrian

Where am I??
while driving: http://map.aprs.net/ve3rhk-9
while sailing: http://map.aprs.net/ve3rhk-5
while flying: http://map.aprs.net/ve3rhk-7
(experimental system - not always functioning)

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: RM GPS

From: "Scott Morris" <smorris@mindspring.com>
Date: Tue, 1 Feb 2000 22:25:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64029-2000.02.01-21.23.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No idea. I have tried emailing RM asking questions such as pinouts, etc.
And they have plainly said that the will only support it for what they sell
it for, their software.

I will be sending in a letter to the president tomorrow asking him to
address Ham issues since the Delorme GPS (Earthmate) does not support NMEA
output.

If anyone else wishes to write a letter, email me and I will forward the HQ
address -- smorris@mindspring.com

Scott Morris
KF4SNV

----- Original Message -----
From: Adrian Brookes <adrianbrookes@hotmail.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, February 01, 2000 9:50 PM
Subject: [htaprs] RM GPS

>
> Any idea what the RM unit draws for current??
>
>
>
>
> Cheers, Adrian
>
> Where am I??
> while driving: http://map.aprs.net/ve3rhk-9
> while sailing: http://map.aprs.net/ve3rhk-5
> while flying: http://map.aprs.net/ve3rhk-7
> (experimental system - not always functioning)
>
> _____
> Get Your Private, Free Email at http://www.hotmail.com
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] Tripmates for &9.95 at Delorme.com

From: Kevin Kelly <kmkelly@alltel.net>
Date: Tue, 01 Feb 2000 22:36:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64031-2000.02.01-21.26.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG,
Have a look at http://www.delorme.com. I was talking with a support rep
there two days ago and he said that they had Tripmates for sale. They
are also on the web page under "older GPS's" or something like that.

73,
Kevin Kelly/N6QAB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Re: Need source for tripmate and D700 GPS tip plug

From: "Scott Morris" <smorris@mindspring.com>
Date: Tue, 1 Feb 2000 22:36:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64033-2000.02.01-21.33.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the closest thing I could find to send you. Look at the
Streetfinder package, in the lower left is a picture of the GPS, it is the
size of the original Microsoft Mouse of years ago.

http://www.randmcnally.com/?area=store&content=store/product_category.ehtml?
browsetype=dept&dept=B

Scott Morris
KF4SNV

----- Original Message -----
From: Cor Knijnenburg <corknijnenburg@scg-inc.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, February 01, 2000 4:40 PM
Subject: [htaprs] Re: Need source for tripmate and D700 GPS tip plug

> Has anyone a picture of this GPS? The randmcnally website doesn't show a
> picture.
> Plus does it work on a DH7?
>
> -----Original Message-----
> From: bounce-htaprs-8833@lists.tapr.org
> [mailto:bounce-htaprs-8833@lists.tapr.org]On Behalf Of
> smorris@mindspring.com
> Sent: Tuesday, February 01, 2000 12:47 PM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Need source for tripmate and D700 GPS tip plug
>
>
> I have purchased a Rand-McNally GPS, that is very much like the TripMate,
> and it outputs NMEA. But I have not tested it yet, hopefully within the
> next few days. They can be purchased at Best Buy for $79 (incl
StreetFinder
> software). Or directly from RM fro $79 just for the GPS.
>
> I have seen on this list where some have gotten it to work.
>
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Re: RM GPS

From: Shane Daniels <sdaniels@crsinternet.com>
Date: Tue, 01 Feb 2000 21:13:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64037-2000.02.01-22.10.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have e-mailed both RM and Talon Tech and here are the replies.

At 02:49 PM 1/24/2000 -0600, RM wrote:
>Hello Shane.
>
>Yes it will.
>
>Here are the power specs:
>
>Supply Voltage: 4.5~16 VDC, suitable for direct connection to an
>Automotive 12V supply.
>
>Current Consumption: 55mA type @ 12 VDC; 125mA typ @ 5 VDC.
>
>Regards,
>Kevin@Rand McNally
>
>

At 09:44 AM 1/25/2000 +1300, Talon Tech wrote:
>Dear Mr Daniels,
>
>The specs for the Rand McNally GPS receiver are the same as the GPS 1200
("Integrator1202")
>(Details at http://www.talon.co.nz/frames/gps1200.htm)
>
>Regards
>
>Darren Coneybear
>

At 10:25 PM 2/1/00 -0500, you wrote:
>No idea. I have tried emailing RM asking questions such as pinouts, etc.
>And they have plainly said that the will only support it for what they sell
>it for, their software.
>
>I will be sending in a letter to the president tomorrow asking him to
>address Ham issues since the Delorme GPS (Earthmate) does not support NMEA
>output.
>
>If anyone else wishes to write a letter, email me and I will forward the HQ
>address -- smorris@mindspring.com
>
>Scott Morris
>KF4SNV
>
>
>----- Original Message -----
>From: Adrian Brookes <adrianbrookes@hotmail.com>
>To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
>Sent: Tuesday, February 01, 2000 9:50 PM
>Subject: [htaprs] RM GPS
>
>
>>
>> Any idea what the RM unit draws for current??
>>
>>
>>
>>
>> Cheers, Adrian
>>
>> Where am I??
>> while driving: http://map.aprs.net/ve3rhk-9
>> while sailing: http://map.aprs.net/ve3rhk-5
>> while flying: http://map.aprs.net/ve3rhk-7
>> (experimental system - not always functioning)
>>
>> ____
>> Get Your Private, Free Email at http://www.hotmail.com

>>
>>
>> ---
>> You are currently subscribed to htaprs as: smorris@mindspring.com
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>
>
>---
>You are currently subscribed to htaprs as: sdaniels@crsinternet.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Rand McNally GPS

From: Shane Daniels <sdaniels@crsinternet.com>
Date: Tue, 01 Feb 2000 21:28:15 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64039-2000.02.01-22.25.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a RM GPS, that I remounted in a Radio Shack plastic box (270-1803).
I bolted a old magnet mount magnet to the outside of the plastic lid, large
fender washer on the inside. Mounted the receiver board with the antenna
on 3/4" 4-40 standoffs off of the lid. Carefully drilled a hole in the end
of the box, just up the side from the lid for the cord, so that when I
tightened the lid to the box it slightly crimps the cord. I also have a
1/8" cable clamp inside to keep the cable from pulling out. I mount the
box on the roof of my old chevy truck, get 8-10 sats now. I'm using this
with my Kpc3+ (8.3) and Yeasu FT-26, as my tracker. Works great.

Shane

N6jyx home
N6jyx-9 tracker

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] GPS Rx - any low current ones??

From: "Adrian Brookes" <adrianbrookes@hotmail.com>
Date: Tue, 01 Feb 2000 23:43:08 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64041-2000.02.01-22.40.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the info Shane.

Does anyone know of a low current GPS receiver, like
less than 50ma?

Cheers, Adrian

Where am I??
while driving: http://map.aprs.net/ve3rhk-9
while sailing: http://map.aprs.net/ve3rhk-5
while flying: http://map.aprs.net/ve3rhk-7
(experimental system - not always functioning)

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: GPS Rx - any low current ones??

From: Shane Daniels <sdaniels@crsinternet.com>
Date: Tue, 01 Feb 2000 21:55:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64044-2000.02.01-22.52.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Its pretty close - 55mA typ @ 12VDC
Check out http://www.talon.co.nz/frames/gps1200.htm
it's there "Integrator1202" board with a ceramic patch antenna.

At 11:43 PM 2/1/00 -0500, you wrote:
>
>Thanks for the info Shane.
>
>Does anyone know of a low current GPS receiver, like
>less than 50ma?
>
>
>
>Cheers, Adrian
>
>Where am I??
>while driving: http://map.aprs.net/ve3rhk-9
>while sailing: http://map.aprs.net/ve3rhk-5
>while flying: http://map.aprs.net/ve3rhk-7
>(experimental system - not always functioning)
>
>_____
>Get Your Private, Free Email at http://www.hotmail.com
>
>
>---
>You are currently subscribed to htaprs as: sdaniels@crsinternet.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] Re: GPS Rx - any low current ones??

From: "Adrian Brookes" <adrianbrookes@hotmail.com>
Date: Wed, 02 Feb 2000 00:02:22 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64045-2000.02.01-22.59.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was hoping to find something in the 10mA range.

Technically possible or am I dreaming?

Adrian

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: Rand McNally GPS

From: Shane Daniels <sdaniels@crsinternet.com>
Date: Wed, 02 Feb 2000 07:02:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64083-2000.02.02-07.59.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes I did, also I set the jumpers 6 & 7 to feed the power through pin 7 on
the db9 connector. This way I could use the power connector on the kpc3+
for the main power feed, the GPS and Yeasu HT receive theirs from pin 7 and
9. MAKE SURE TO OHM METER THE JUMPERS! I found the book was wrong!

At 08:30 AM 2/2/00 -0500, you wrote:
>Shane,
>

>How did you wire it to the KPC3+? Did you use pins 2 (second serial port)
>and 6 (ground)?
>
>Scott
>Shane Daniels <sdaniels@crsinternet.com> wrote:
>> I have a RM GPS, that I remounted in a Radio Shack plastic box (270-1803).
>I bolted a old magnet mount magnet to the outside of the plastic lid, large
>fender washer on the inside. Mounted the receiver board with the antenna
>on 3/4" 4-40 standoffs off of the lid. Carefully drilled a hole in the end
>of the box, just up the side from the lid for the cord, so that when I
>tightened the lid to the box it slightly crimps the cord. I also have a
>1/8" cable clamp inside to keep the cable from pulling out. I mount the
>box on the roof of my old chevy truck, get 8-10 sats now. I'm using this
>with my Kpc3+ (8.3) and Yeasu FT-26, as my tracker. Works great.
>
>Shane
>
>N6jyx home
>N6jyx-9 tracker
>
>
>---
>You are currently subscribed to htaprs as: smorris@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Re: Dashboards and GPS's

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Wed, 2 Feb 2000 08:57:28 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64103-2000.02.02-09.54.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HRO sells the GPS brackets that are velcro or suction cup maount to keep the
GPS from sliding around:
http://www.hamradio.com

I have the one for the GPS 12 and it mounts to the dash with velcro and I
also have the suction cup mount for my 53 Willys as well.

Peter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: [aprssig] Dashboards and GPS's

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Wed, 2 Feb 2000 09:25:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64110-2000.02.02-10.27.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have found that the gooseneck mount with suction cups to attach to the
wind shield helps avoid the airbad issue if palced in the center of the
dash. This also works to be able to see the units as well and still be able
to read the display. I had to modify the gooseneck to get all three units
hooked to the same mount but it worked. I hear that they are working on a
transmission mount gooseneck mount for the units but have been so far unable
to confirm this. Is it really neccsecary to be able to read the GPS? I
find myself looking at the Plam more than the radio or the GPS myself unless
there is a problem.

Just my $0.02

Peter Anderson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Tripmate

From: "George S. Pappayliou" <aa8ma@worldnet.att.net>
Date: Wed, 02 Feb 2000 12:08:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64117-2000.02.02-11.03.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know how good a gps receiver is in the tripmate. How
many channels does it have?

George W3GP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Help with new DH7A....

From: Paul Breed <Paul@rasdoc.com>
Date: Wed, 02 Feb 2000 13:31:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64127-2000.02.02-12.26.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a new DH7A and I am not sure if it is working....
I have it connected to a GPS and I had it in my car this morning:

Call set to Kl7JG-7
Set to Auto Beacon every 5 min.
GPS position was appearing in My Position menu, so the GPS interface was
working.
External Mag mount antenna.

I drove down to Bedford Ma and over to Woburn then back north to NH.
I received lots of APRS traffic on the unit, I saw it transmit my position
periodically.

I also saw it flash "My Packets", so it could see that my packets were
being digipeated.

When I got home I rushed to my computer and entered:

www.aprs.net:8000/KL7JG-7

It did not find me.....

Is there some special setting to get the packets to be put through the IGATE.

Does anyone have logs that would show my track this morning....
(0730 -> 10:30 EST)

Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] My Tracker photos

From: Shane Daniels <sdaniels@crsinternet.com>
Date: Wed, 02 Feb 2000 14:41:12 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64149-2000.02.02-15.38.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check it out!
Lots of photos, so wait for them all to load.
http://www.crsinternet.com/users/sdaniels/Tracker.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Re: Help with new DH7A....

From: Skip Allison <cfad07@email.mot.com>
Date: Wed, 02 Feb 2000 16:42:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64161-2000.02.02-16.40.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What was your path set to? Are you hearing digipeats come back after
your posit goes out?
Where is your closest igate? Does your path allow your posits to get to
the igate? Do you have a TNC at home where you could monitor your
position directly on 2 meters?
Try http://map.aprs.net/KL7JG-7. The 8000 url doesn't seem to be
working all the time.

Skip
K9SA

Paul Breed wrote:
>
> I have a new DH7A and I am not sure if it is working....
> I have it connected to a GPS and I had it in my car this morning:
>
> Call set to Kl7JG-7
> Set to Auto Beacon every 5 min.
> GPS position was appearing in My Position menu, so the GPS interface was
> working.
> External Mag mount antenna.
>
> I drove down to Bedford Ma and over to Woburn then back north to NH.
> I received lots of APRS traffic on the unit, I saw it transmit my position
> periodically.
>
> I also saw it flash "My Packets", so it could see that my packets were
> being digipeated.
>
> When I got home I rushed to my computer and entered:
>
> www.aprs.net:8000/KL7JG-7
>
> It did not find me.....
>
> Is there some special setting to get the packets to be put through the IGATE.
>
> Does anyone have logs that would show my track this morning....
> (0730 -> 10:30 EST)
>
> Paul (Kl7JG)
>
> ---
> You are currently subscribed to htaprs as: Skip.Allison@motorola.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: Need source for tripmate and D700 GPS tip plug

From: Steve Gunsel <gunsel@gte.net>
Date: Wed, 02 Feb 2000 19:22:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64171-2000.02.02-18.19.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Scott,

It might just be the ticket for your application. My Rand McNally GPS
is connected to a Tigertronics TM1 tracker, with the DB9 on the tracker
supplying power to the GPS. The TM1 puts its +voltage supply on pin 9
when the appropriate jumper is installed, making a nice installation.
As purchased, the RM GPS gets power from pin 4 of the PS2 mouse port.

I cut off the cable just above the DB9 and PS2 connectors, leaving a
cable a little over six feet. The connections to the male DB9 connector
are:

RM GPS Wire	DB9 PIN
Yellow	2
White	3
Gound Braid	5
Red	9

In case you missed it from Shane McDaniels' post,

Rand McNally GPS power specs:

"Supply Voltage: 4.5~16 VDC, suitable for direct connection to
Automotive 12V supply. Current Consumption:
55mA type @ 12 VDC
125mA typ @ 5 VDC
Regards,Kevin@Rand McNally"

Steve, N8MYA

At 10:39 PM 2/1/00 -0500, you wrote:
>Steve, how di you connect it to the TNC, which pins?
>
>I have been looking at it as an inexpensive item, and also one that would
>not tend to walk away if it had a LCD display. Plus for CAP cadets, it is
>inexpensive.
>
>Scott Morris

>----- Original Message -----
>From: Steve Gunsel <gunsel@gte.net>
>To: >Sent: Tuesday, February 01, 2000 7:44 PM
>Subject: [htaprs] Re: Need source for tripmate and D700 GPS tip plug
>
>
>> I have the Rand McNally gps.
>>
>> It looks like a black computer mouse. Easy to hook up.
>> It comes with a cable that has both a DB9 serial connector
>> for connecting to your serial port and a PS2 connector for connecting to
>> the mouse port for power. Easy setup for a laptop. Not quite so for a
>> tracker. It works on 12 volts (I think someone reported 6 to 16
>> volts is OK). If you cut off the cable before the DB9 you will find
>> the +12vdc (red), data out, data in and ground.
>>
>> It works OK, but is not as sensitive or as quick locking as your Garmin.
>> I have a 12XL that locks in 15 or so seconds. The Rand McNally unit
>> takes over four minutes,every time. Not an issue if powered and parked
>> in the clear continuously, or if used when the first four to five minutes
>> are not needed. It does work well on the dash or rear deck, but is not
>> sealed for outdoor exposure. Mine doesn't work at all when garaged.
>>
>> Garmin makes a similar appearing unit, the 35 TracPak, that I'm sure
>> works better, since it has the same 12 parallel channel receiver as my
>> 12XL.
>> It's also available as a model 36 TracPak, in white. Both are available
>> directly from Garmin for about $150. If I was going to get another,
>> I'd save up for the Garmin. For the price, though, the RM is OK.
>>
>> Steve, N8MYA
>>
>> At 03:40 PM 2/1/00 -0600, you wrote:
>> >Has anyone a picture of this GPS? The randmcnally website doesn't show a
>> >picture.
>> >Plus does it work on a DH7?
>> >
>> >-----Original Message-----
>> >From: bounce-htaprs-8833@lists.tapr.org
>> >[mailto:bounce-htaprs-8833@lists.tapr.org]On Behalf Of
>> >smorris@mindspring.com
>> >Sent: Tuesday, February 01, 2000 12:47 PM
>> >To: TAPR Hot Technology APRS
>> >Cc: TAPR Hot Technology APRS
>> >Subject: [htaprs] Re: Need source for tripmate and D700 GPS tip plug
>> >
>> >

>> >I have purchased a Rand-McNally GPS, that is very much like the TripMate,
>> >and it outputs NMEA. But I have not tested it yet, hopefully within the
>> >next few days. They can be purchased at Best Buy for $79 (incl
>StreetFinder
>> >software). Or directly from RM fro $79 just for the GPS.
>>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Re: GPS Rx - any low current ones??

From: "Scott Morris" <smorris@mindspring.com>
Date: Wed, 2 Feb 2000 19:23:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64172-2000.02.02-18.20.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I checked out the site referenced in the email:

Check out http://www.talon.co.nz/frames/gps1200.htm

An it does say 55ma. One question, and maybe this needs to be asked of the
vendor, I'll send an email, but the GPS also provides a voltage out for an
active antenna.   Is that 55ma with the active antenna causing a drain, or
without. I'll let you know what I find out.

Scott Morris
----- Original Message -----
From: Adrian Brookes <adrianbrookes@hotmail.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Wednesday, February 02, 2000 12:02 AM
Subject: [htaprs] Re: GPS Rx - any low current ones??

> I was hoping to find something in the 10mA range.
>
> Technically possible or am I dreaming?
>
> Adrian
>
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: GPS Rx - any low current ones??

From: "Scott Morris" <smorris@mindspring.com>
Date: Wed, 2 Feb 2000 22:31:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64188-2000.02.02-21.28.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Talon says the current draw is 55ma without the antenna. Their antennas
draw about 25ma at 3.3 volts, so that would have to be added in.

The GPS they sell is OEM, so it is only available in batches of 100. I
asked what the 1201 was in a batch of 100, the price they quoted was $93.43
FOB. I can't compare the 1201 to the Garmin 25 because I have had no
expereince, but it seem $94 is not a bad price for a commercial OEM GPS, but
100 have to be purchased.

Scott
----- Original Message -----
From: Scott Morris <smorris@mindspring.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Wednesday, February 02, 2000 7:23 PM
Subject: [htaprs] Re: GPS Rx - any low current ones??

> I checked out the site referenced in the email:
>
> Check out http://www.talon.co.nz/frames/gps1200.htm
>
> An it does say 55ma. One question, and maybe this needs to be asked of
the
> vendor, I'll send an email, but the GPS also provides a voltage out for an
> active antenna.   Is that 55ma with the active antenna causing a drain, or
> without. I'll let you know what I find out.
>
> Scott Morris
> ----- Original Message -----
> From: Adrian Brookes <adrianbrookes@hotmail.com>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Sent: Wednesday, February 02, 2000 12:02 AM
> Subject: [htaprs] Re: GPS Rx - any low current ones??
>
>
> > I was hoping to find something in the 10mA range.
> >
> > Technically possible or am I dreaming?
> >
> > Adrian
> >
> >
> > ____
> > Get Your Private, Free Email at http://www.hotmail.com
> >
> >
> > ---
> > You are currently subscribed to htaprs as: smorris@mindspring.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Needed: GPS in a box (no display)

From: Richard Parry <rparry@qualcomm.com>
Date: Wed, 02 Feb 2000 19:48:27 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64189-2000.02.02-21.45.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am looking for a commercial GPS receiver in a box with "no" LCD display
need. All the unit needs is:
    * INPUT: 12VDC and GPS Antenna
    * OUTPUT: NMEA
I know I can purchase a GPS on a PC board and stick it in a Radio Shack
box, but I need a commercial unit. Got any ideas.

thanks in advance,
Rich Parry, W9IF

50. [htaprs] Re: Needed: GPS in a box (no display)

From: "Adrian Brookes" <adrianbrookes@hotmail.com>
Date: Wed, 02 Feb 2000 22:58:08 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64190-2000.02.02-21.55.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin 135 should do the trick and the antenna is built in.

Adrian

____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Re: Needed: GPS in a box (no display)

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Wed, 2 Feb 2000 20:18:05 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64191-2000.02.02-22.15.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin 35. They are $149.00, and you even get a MANUAL. Various mounting options from mag mount, suction cup, and trunk lid. NMEA output, with programmable baud rate and which NMEA sentences are actually sent. 1 PPS output. input voltage on the 35LP-HVS model is 6-40 volts. Mind draws about 70ma at 12 volts. It has dual serial ports. NMEA on one, binary on the other. Differential ready. See http://www.garmin.com for more info, and you can download the manual from that site. They also have a model called the 35PC which has a DB9 serial connector and car 12volt outlet connector. Can be ordered from Garmin direct. Call their 800 number and ask for the Aviation desk. Brent KH2Z

> I am looking for a commercial GPS receiver in a box with "no" LCD display
> need. All the unit needs is:
> * INPUT: 12VDC and GPS Antenna
> * OUTPUT: NMEA
> I know I can purchase a GPS on a PC board and stick it in a Radio Shack
> box, but I need a commercial unit. Got any ideas.
>
> thanks in advance,
> Rich Parry, W9IF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: HTX-202

From: "Harry Burford" <hburford@airmail.net>
Date: Wed, 2 Feb 2000 23:05:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64193-2000.02.02-23.02.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We had a local here with a shorted TNC cable and was key down for over 8 continuous hours at full power with a 202 on a base station antenna and power supply. Testament to the durability of the 202 that is still reported to still be in packet service. Wonderful practice exercise with the DF equipment, too.

Harry; KAØTTY

----- Original Message -----
From: "Adrian Brookes" <adrianbrookes@hotmail.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, January 31, 2000 9:24 PM
Subject: [htaprs] HTX-202

I opened the newly acquired 202 today as a result of noticing that the mic and speaker are plug and socketed onto a pc board inside.

What I found is what appears to be enough room to fit a MIM module and wire it directly to the 202 inside, and possible route the GPS cable (GPS135) through the unused speaker jack.

Radio looks well built, well heat sunk on the TX side.

Cheers, Adrian

Where am I??

while driving: http://map.aprs.net/ve3rhk-9
while sailing: http://map.aprs.net/ve3rhk-5
while flying: http://map.aprs.net/ve3rhk-7
(experimental system - not always functioning)

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] D7 question

From: "Adrian Brookes" <adrianbrookes@hotmail.com>
Date: Thu, 03 Feb 2000 01:41:43 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64210-2000.02.03-00.39.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just bought a D7 last week, on a trip without my manual - how do
I adjust squelch and how do I scan??

Adrian

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: D7 question

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Thu, 3 Feb 2000 00:51:54 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64217-2000.02.03-00.52.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> D7
> how do I adjust squelch

Function - SQL, then dial the amount of squelch you want with either the
channel dial at the top of the radio, or with the up down buttons on the
rocker, then hit Function or OK (right button on rocker). Function button
is upper right, white "F" on purple circle. SQL on left of radio, bottom of
the two smaller two buttons.

> and how do I scan??

Press and hold either the VFO or MR button to scan either the VFO or
memories respectively.

> on a trip without my manual

http://216.98.255.24/Amateur/Instruction%20Manuals/THD7A.pdf for the manual.

Obtain and install Adobe Acrobat Reader at
http://www.adobe.com/products/acrobat/readstep.html

Jim N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: Rand McNally GPS

From: "Darryl Smith" <vk2tds@ozemail.com.au>
Date: Thu, 3 Feb 2000 21:13:09 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64225-2000.02.03-04.29.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day

I have heard a roumour that these GPS's come from Sydney... If this is true,
maybe I should go and see them. If the GPS's are not coming from Sydney yet,
they soon will be...

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] RE: Needed: GPS in a box (no display)

From: Richard Carter <rcarter@isi.com>
Date: Thu, 3 Feb 2000 08:52:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64234-2000.02.03-07.50.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It depends on what you want it for. If you want a rugged unit, JRC makes two very nice sensors at a
reasonable price. One has a built-in DGPS receiver, the other doesn't. I'm not sure of the latest
prices, but I bought the one with DGPS for about $500 a couple of years ago. I suspect that the simpler
 unit is half that.

Rich Carter - KE1EV

-----Original Message-----
From: Richard Parry [SMTP:rparry@qualcomm.com]
Sent: Wednesday, February 02, 2000 10:48 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Needed: GPS in a box (no display)

 << File: ATT00001.htm >> I am looking for a commercial GPS receiver in a box with "no" LCD display
need. All the unit needs is:
    * INPUT: 12VDC and GPS Antenna
    * OUTPUT: NMEA
I know I can purchase a GPS on a PC board and stick it in a Radio Shack
box, but I need a commercial unit. Got any ideas.

thanks in advance,
Rich Parry, W9IF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] Newbie umm

From: "jeff" <jeff@k8sn.org>
Date: Thu, 3 Feb 2000 10:42:25 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64244-2000.02.03-09.35.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok so now I have a tracker box going..   this has been an adenture I got all
my goodies from AES and I had no Idea what I was doing. I did alot of
guessing to how everything went together and set everything up..   (lucky
for me I had good guesses)   My biggest problem came to when I started to
program my tnc. Yes there are alot of web pages out there about APRS but I
still had trouble finding something that just explained everything from
start to finish from what to type and why you are typeing it. Lucky for me
I know a few guys in my area that are into APRS so I made some phone calls
and started a icq chat with one of my friends and he told me what to type..
So what I am looking for if somebody knows of it is a web page that has
everything or some type of a book or something that just tells all about
aprs or are there some documents available?   Thanx for all your help and
suggestions that you have already given me

Jeff Kc8ffv

http://michigan.aprs.net/kc8ffv-14 this is my truck

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] HT Satellite Ground stations.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 3 Feb 2000 11:51:43 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64254-2000.02.03-10.49.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood digital radio/TNC remote control,

Tonight, I discovered how to switch the control port between the
radio and the internal TNC so that my APRStk program can now both
auto-tune the doppler and route the downlinked packets DURING the pass
through the radio's single serial port. Thus, PACSAT Receive-only
stations can be assembled with nothing but a PC and the Kenwood HT on a
20 inch whip antenna.

I have been using a 3/4 wave vertical (20.2") on my THD7 and can receive
the downlink from any of the (working) pacsats while they are above 20
deg...(the antenna has over 7 dBi gain up at 40 deg or so on 435) and
still works as a 1/4 wave whip at 2m too.).

So, next version of APRStk will be able to tune the radio to the right
satellite and tune for doppler. Then just hooking the output to a TELNET
port can combine/share the downlink with other similar stations and the
world.

Then all we need is 5 more such sites and we have the whole USA covered.
Every packet from the satellite gets collected... and shared via the
TELNET links between the sites...

To see what we can do with this for a mobile amateur radio:

  http://web.usna.navy.mil/~bruninga/astars.html

de WB4APR, Bob

Yes, this works well in your car. But if you put 50 feet of coax between
the antenna and the HT in your shack, then you just lost 3 dB and should
add a preamp...(at the antenna).

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Thanks to all

From: Shane Daniels <sdaniels@crsinternet.com>
Date: Thu, 03 Feb 2000 11:42:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64270-2000.02.03-12.39.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for all the nice comments on my tracker unit and GPS mod.
Some have asked me for more details, so I have added some right on the
pictures.
My mods are simple, didn't even have to disconnect the cable! Just remove
it from the "mouse" case and screw it down in the new box. No soldering
required.

http://www.crsinternet.com/users/sdaniels/Tracker.html

And for the legel eagles out there, I'm sorry to say, I had to add a
disclaimer too.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: HT Satellite Ground stations.

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 03 Feb 2000 14:34:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64280-2000.02.03-13.29.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob -

> Tonight, I discovered how to switch the control port between the
> radio and the internal TNC...

Way cool! This might be a way to automatically switch back and forth
between packet and APRS operation. Care to share your discovery with us?

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: HT Satellite Ground stations.

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 3 Feb 2000 14:38:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64281-2000.02.03-13.36.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Better yet, a program that knows where the Satellites are, what frequency
they are on, and switches between them so we have a seamless data stream!
now all we need are more Satellites and better programs!

 Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Edward A. Behl [SMTP:ed@eabehl.com]
> Sent: Thursday, February 03, 2000 2:35 PM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] Re: HT Satellite Ground stations.
>
> Bob -
>
> > Tonight, I discovered how to switch the control port between the
> > radio and the internal TNC...
>
> Way cool! This might be a way to automatically switch back and forth
> between packet and APRS operation. Care to share your discovery with us?
>
> 73
>
> --
> Edward A. Behl - KG4ALG
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Re: HT Satellite Ground stations.

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 03 Feb 2000 15:09:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64287-2000.02.03-14.04.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dwight -

This is a SUPER idea! What a neat way to overcome the issue of limited access time to satellite fly-overs.

This is the sort of marriage between computers and amateur radio that I think will propel the interest in amateur radio to those who are not strictly out for the thrill of DX on HF.

To think we could program a way to seamlessly network all the packet birds so that you could queue traffic and wait for the next bird to fly over, use that satellite to digi the traffic to another Earth station with routing info, just like packet BBS's. Store it there until the next bird flies over and shoot it up for space shot #2, and so on.

The big missing link has probably been the lack of a PC tunable receiver to follow Doppler shift as the bird makes its pass. But with Bob's discovery about how to do it with Kenwood rigs, maybe we've overcome the last big hurdle!

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Re: HT Satellite Ground stations.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 3 Feb 2000 17:03:07 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64307-2000.02.03-16.01.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 3 Feb 2000, Edward A. Behl wrote:

> > Tonight, I discovered how to switch the control port between the
> > radio and the internal TNC...
>
> Way cool! This might be a way to automatically switch back and forth
> between packet and APRS operation. Care to share your discovery with us?

Yep, Jim Gill is adding it to his web page, but it is simply TC 1 and TC 0 using UPPERCAASE... BUT it takes alomst 4 seconds for the TNC to initilize when turned on... :-(Gonna miss some data...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] D700 hands-off tuning

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Thu, 3 Feb 2000 16:22:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64310-2000.02.03-16.20.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's a followup to Bob B's posting about auto-tune on D700's -

I have to thank BOB B for finding the Missing Link - The Golden Nugget.... how to change to remote control mode when in the TNC PACKET mode!!! This is the key to making that fabulous all-in-one satellite ground station with total remote control ability.

Your serial port on your computer must be 9600,n,8,1. First, enter AI 1 to get the radio to be in "Command Echo" mode when in radio remote control mode. That way you can see the LIST data and so forth coming back to you while you are in APRS mode. This would be handy for an "ALL IN ONE"

software program that did memory control, freq change, packet sending and monitoring, APRS sending and monitoring, etc. "The Works". The following table looks best in fixed width.

```
  TNC         TO GO          KEY
IN MODE     TO MODE        STROKE
---------------------------------
 OFF          APRS          TNC 1
 OFF          PACKET        TNC 2 then TC 0

 APRS         OFF           TNC 0
 APRS         PACKET        TNC 2 then TC 0

 PACKET       OFF           TC 1 then TNC 0
 PACKET       APRS          TC 1 then TNC 1
```

Once in PACKET mode at any time, you may need to enter HB 1200 or HB 9600 to set the proper packet speed after switching modes. To switch speed while in APRS mode, use PKSA 0 for 1200, PKSA 1 for 9600.

I'll update my web page as soon as I can (no, really!) to include this.

Thanks BOB!!!!

Jim N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: HT Satellite Ground stations.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 3 Feb 2000 17:39:42 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64312-2000.02.03-16.37.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 3 Feb 2000, Edward A. Behl wrote:

> This is a SUPER idea! What a neat way to overcome the issue of limited
> access time to satellite fly-overs.

Yep, read all about it at http://web.usna.navy.mil/~bruninga/astars.html

And tune in a pacsat with your THD7 or TMD700 during the next pass. EVEN from your mobile! For now, there is no data of use to us. But if we show that we can receive it with just the HT/LAPTOP or MOBILE, then it shouldnt be long till we get some APRS data...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] RE: Needed: GPS in a box (no display)

From: "Scott Morris" <smorris@mindspring.com>
Date: Thu, 3 Feb 2000 19:30:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64324-2000.02.03-18.28.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I checke the JRC site, and both units looked nice, but they were 8 channel units.

Scott
----- Original Message -----
From: Richard Carter <rcarter@isi.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, February 03, 2000 8:52 AM
Subject: [htaprs] RE: Needed: GPS in a box (no display)

It depends on what you want it for. If you want a rugged unit, JRC makes
two very nice sensors at a reasonable price. One has a built-in DGPS
receiver, the other doesn't. I'm not sure of the latest prices, but I
bought the one with DGPS for about $500 a couple of years ago. I suspect
that the simpler unit is half that.

Rich Carter - KE1EV

-----Original Message-----
From: Richard Parry [SMTP:rparry@qualcomm.com]
Sent: Wednesday, February 02, 2000 10:48 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Needed: GPS in a box (no display)

 << File: ATT00001.htm >> I am looking for a commercial GPS receiver in a
box with "no" LCD display
need. All the unit needs is:
    * INPUT: 12VDC and GPS Antenna
    * OUTPUT: NMEA
I know I can purchase a GPS on a PC board and stick it in a Radio Shack
box, but I need a commercial unit. Got any ideas.

thanks in advance,
Rich Parry, W9IF

You are currently subscribed to htaprs as: smorris@mindspring.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: [amsat-bb] HT Satellite Ground stations.

From: "Daniel \(internet\) Lavoie" <LavoieD@istar.ca>
Date: Thu, 3 Feb 2000 20:03:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64327-2000.02.03-19.04.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

Could you share the procedure to switch the control port between the radio
and the TNC?

Thanks

Daniel Lavoie
VE3DCL
----- Original Message -----
From: "Bob Bruninga" <bruninga@nadn.navy.mil>
To: "TAPR APRS Special Interest Group" <aprssig@tapr.org>;
<htaprs@tapr.org>; <amsat-bb@AMSAT.Org>
Sent: Thursday, February 03, 2000 11:51 AM
Subject: [amsat-bb] HT Satellite Ground stations.

> Kenwood digital radio/TNC remote control,
>
> Tonight, I discovered how to switch the control port between the
> radio and the internal TNC so that my APRStk program can now both
> auto-tune the doppler and route the downlinked packets DURING the pass
> through the radio's single serial port. Thus, PACSAT Receive-only
> stations can be assembled with nothing but a PC and the Kenwood HT on a
> 20 inch whip antenna.
>
> I have been using a 3/4 wave vertical (20.2") on my THD7 and can receive
> the downlink from any of the (working) pacsats while they are above 20
> deg...(the antenna has over 7 dBi gain up at 40 deg or so on 435) and
> still works as a 1/4 wave whip at 2m too.).
>
> So, next version of APRStk will be able to tune the radio to the right
> satellite and tune for doppler. Then just hooking the output to a TELNET
> port can combine/share the downlink with other similar stations and the
> world.

>
> Then all we need is 5 more such sites and we have the whole USA covered.
> Every packet from the satellite gets collected... and shared via the
> TELNET links between the sites...
>
> To see what we can do with this for a mobile amateur radio:
>
>   http://web.usna.navy.mil/~bruninga/astars.html
>
> de WB4APR, Bob
>
> Yes, this works well in your car. But if you put 50 feet of coax between
> the antenna and the HT in your shack, then you just lost 3 dB and should
> add a preamp...(at the antenna).
>
> ----
> Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: HTX-202

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 03 Feb 2000 21:31:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64341-2000.02.03-20.29.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/3/00 12:05 AM, Harry Burford at hburford@airmail.net wrote:

> We had a local here with a shorted TNC cable and was key down for over 8
> continuous hours at full power with a 202 on a base station antenna and
> power supply. Testament to the durability of the 202 that is still reported
> to still be in packet service. Wonderful practice exercise with the DF
> equipment, too.

 A number of years ago I had an Node with an IC3AT feeding a Mirage 220 MHz
brick go key down for almost a full 24 hours ... quite impressive as well.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "There's so much comedy on television. Does that cause comedy in
    the streets?" Dick Cavett

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] New Palm IIIx pricing

From: Jon Ogden <jono@enteract.com>
Date: Thu, 03 Feb 2000 22:00:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64351-2000.02.03-21.55.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Zones.Com just announced new pricing on Palm products. The Palm IIIx is now
just $229.

The IIIe is $149, but I don't know if that will work for our purposes.

Thought folks might like to know.

73,

Jon
KE9NA

```
-------------------------------------
Jon Ogden
KE9NA

Member:  ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

70. [htaprs] Re: HT Satellite Ground stations.

From: Jon Ogden <jono@enteract.com>
Date: Thu, 03 Feb 2000 22:03:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64356-2000.02.03-21.59.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/3/00 2:09 PM, Edward A. Behl at ed@eabehl.com wrote:

> The big missing link has probably been the lack of a PC tunable receiver
> to follow Doppler shift as the bird makes its pass. But with Bob's
> discovery about how to do it with Kenwood rigs, maybe we've overcome the
> last big hurdle!

PC tunable satellite rigs have been around. However, not many guys want to
spend the $$$ to dedicate them to the topic discussed. The TH-D7A is a
great way to do that at a reasonable price. Unfortunately, you can only RX
the birds with it. But you could use the TM-D700A.

Good ideas nonetheless.

73,

Jon
KE9NA

```
-------------------------------------
Jon Ogden
KE9NA

Member:  ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

71. [htaprs] Re: Kenwood's Mcp_d700 software

From: Adrian Brookes <abrookes@sympatico.ca>
Date: Thu, 03 Feb 2000 23:17:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64359-2000.02.03-22.13.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What problems does the D7 have. Just bought one and so far its working ok.

Adrian

Scott Morris wrote:

> I tried to contact Kenwood on a problem with their software for the D7A, and
> they basically told me that it is at my risk to use it. I then asked for
> the communications protocols to talk to the radio, I would write my own
> program, and they wanted it I would freely give it to them, a program that
> worked. They told me the protocols was proprietary and they could not give
> the spec out. So basically we are stuck with bad software they won't fix.
>
> One company that I was impessed with was Ten-Tec, their new computer

> controlled HF rig comes with Windows software that actually fits on a
> floppy. And if you want to write your own you can download the programmers
> reference manual from their website, you don;t even have to pay for it.
> Maybe Kenwood should "sit up and take notice".
>
> Kenwood should either fix their software, or make available the
> communication protocol spec.
>
> Scott Morris
> KF4SNV
> ----- Original Message -----
> From: Jim Gill <jimgill@ix.netcom.com>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Sent: Friday, January 28, 2000 1:14 AM
> Subject: [htaprs] Kenwood's Mcp_d700 software
>
> > In Kenwood's Mcp_d700 memory control software for the D700, I've found a
> > "channel sorting" bug - anyone else noticed this and what can be done
> about
> > it?
> >
> > Steps:
> > 1. I stored over 100 new memory channels including names for each one
> > 2. Sort by frequency or name, doesn't matter
> > 3. Save the filename as [whatever].700
> > 4. Write to Radio
> > 5. Close the file, and exit Mcp_d700
> > 6. Reopen the [whatever].700 file
> > 7. Now all the memory channels are unsorted, with many "blank" channel
> gaps
> > between stored channels
> >
> > So by selecting either sort option, instead of just leaving the channels
> in
> > the original order in which I entered them, my memory channels are now all
> > screwed up with no order in the memory file. You have to re-sort them
> after
> > opening the file before you can Write any changes you made to the radio.
> >
> > Jim   N0RMO
> > Omaha, NE
> >
> >
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: smorris@mindspring.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: abrookes@sympatico.ca
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] help

From: "jeff" <jeff@k8sn.org>
Date: Fri, 4 Feb 2000 00:11:31 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64366-2000.02.03-23.04.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ok here is my problem I switched my kpc3+ to using the extra serial port
feature in the new firmware.   (which I would assume is on the unit since
the instructions came with it and it is a brand new unit)   and now my
tracker box is sending out a signal but it is not updating my location it is
only updating the old data.   any ideas? or help would be appreciated.
Also just to confirm I am using a lowrance GPs unit.   Which pins should be
connected for the Nmea to the extra serial port on the kpc3+ ?

Thanx

JEff

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] Re: D700 hands-off tuning

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 4 Feb 2000 05:00:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64412-2000.02.04-05.01.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wish to correct or clarify an important point regarding my TMD700 TNC
switching chart below. For example, if you wish to switch out of PACKET
mode only to quickly **re-tune** the radio, then return to using the TNC in
PACKET mode, you will not have to force the radio to re-intialize its TNC.
It is not necessary to further enter TNC x to drop the tnc out of packet
mode unless you truly want to take the TNC to APRS or OFF.

If I am receiving at 436.xxx (whatever) on the right band, in packet mode,
entering TC 1 drops me into a mode that has direct control of changing
frequency, etc without fully being in "APRS" mode. I quickly change my
frequency (using commands that I will post on my web site soon) then I enter
TC 0 to jump right pack into full packet mode. I haven't made the TNC
re-intialize, and I go right back into receiving data, where the only delay
has been the time needed for the radio to change the freq.

I hope this is clear; there is a distinction between what TC x and TNC x
does (as Bob noted in an earlier post, indirectly). I will update my web
pages with this when I can. Although TNC x is case-insensitive, TC x must
be uppercase (where x is simply 0 1 or 2 as in the chart).

As always, questions to the list or to me direct. Thanks.

Jim N0RMO
----- Original Message -----
From: "Jim Gill" <jimgill@ix.netcom.com>

> The following
> table looks best in fixed width.
>
>   TNC   TO GO   KEY
> IN MODE   TO MODE   STROKE
> ---------------------------------
> OFF   APRS   TNC 1
> OFF   PACKET   TNC 2 then TC 0
>
> APRS   OFF   TNC 0
> APRS   PACKET   TNC 2 then TC 0
>
> PACKET   OFF   TC 1 then TNC 0
> PACKET   APRS   TC 1 then TNC 1
>
> Once in PACKET mode at any time, you may need to enter HB 1200 or HB 9600
to
> set the proper packet speed after switching modes. To switch speed while
in
> APRS mode, use PKSA 0 for 1200, PKSA 1 for 9600.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] other remote stuff

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 4 Feb 2000 06:58:47 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64419-2000.02.04-06.56.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

And in addition to www.netcom.com/~jimgill/tmd700a.htm , I found some more
"must-have" remote control info while in APRS mode:

DTX 0   manual packet tx

DTX 1   PTT packet tx
DTX 2   AUTO packet tx

BCN 0 turns off beaconing if on AUTO
BCN 1 either turns on beaconing if in AUTO
or
BCN 1 **sends a beacon when in manual mode!** then returns to BCN 0.

Fabulous stuff for your remote control software projects. Still have the
problem though of DCD sense to figure out when in automatic mode. More on
that later.

Jim N0RMO

this stuff is going to my web pages as I get the time.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Re: [amsat-bb] HT Satellite Ground stations.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Feb 2000 08:44:42 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org,
        amsat-bb@AMSAT.Org
Message-ID: <LYR845-64428-2000.02.04-07.42.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 3 Feb 2000, Daniel (internet) Lavoie wrote:

> Could you share the procedure to switch the control port between the radio
> and the TNC?

Sure, TC 0 and TC 1 switches the serial port between radio control and
TNC...
Bob

>
> Thanks
>
> Daniel Lavoie
> VE3DCL
> ----- Original Message -----
> From: "Bob Bruninga" <bruninga@nadn.navy.mil>
> To: "TAPR APRS Special Interest Group" <aprssig@tapr.org>;
> <htaprs@tapr.org>; <amsat-bb@AMSAT.Org>
> Sent: Thursday, February 03, 2000 11:51 AM
> Subject: [amsat-bb] HT Satellite Ground stations.
>
>
> > Kenwood digital radio/TNC remote control,
> >
> > Tonight, I discovered how to switch the control port between the
> > radio and the internal TNC so that my APRStk program can now both
> > auto-tune the doppler and route the downlinked packets DURING the pass
> > through the radio's single serial port. Thus, PACSAT Receive-only
> > stations can be assembled with nothing but a PC and the Kenwood HT on a
> > 20 inch whip antenna.
> >
> > I have been using a 3/4 wave vertical (20.2") on my THD7 and can receive
> > the downlink from any of the (working) pacsats while they are above 20
> > deg...(the antenna has over 7 dBi gain up at 40 deg or so on 435) and
> > still works as a 1/4 wave whip at 2m too.).
> >
> > So, next version of APRStk will be able to tune the radio to the right
> > satellite and tune for doppler. Then just hooking the output to a TELNET
> > port can combine/share the downlink with other similar stations and the
> > world.
> >
> > Then all we need is 5 more such sites and we have the whole USA covered.
> > Every packet from the satellite gets collected... and shared via the
> > TELNET links between the sites...
> >
> > To see what we can do with this for a mobile amateur radio:
> >
> >   http://web.usna.navy.mil/~bruninga/astars.html
> >

> > de WB4APR, Bob
> >
> > Yes, this works well in your car. But if you put 50 feet of coax between
> > the antenna and the HT in your shack, then you just lost 3 dB and should
> > add a preamp...(at the antenna).
> >
> > ----
> > Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> > To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
> >
> >
> >
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Re: HT Satellite Ground stations.

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 04 Feb 2000 10:49:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64449-2000.02.04-09.43.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon -

> PC tunable satellite rigs have been around. However, not many guys want to
> spend the $$$ to dedicate them to the topic discussed.

Yeah, and the all-mode sat rigs are not especially portable either.

> The TH-D7A is a great way to do that at a reasonable price. Unfortunately,
> you can only RX the birds with it.

Well, given the control capability through the data port, couldn't
software on a laptop Rx a packet, drop into control mode, switch the
data band, pop back into TNC packet mode, then then Tx the ACK packet?
It's a little sloppy, but if the TNC needn't be initialized each time,
you should be able to change the data band fairly rapidly. Just a
thought...

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: D700 hands-off tuning

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Feb 2000 11:08:09 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64450-2000.02.04-10.05.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 4 Feb 2000, Jim Gill wrote:

> It is not necessary to further enter TNC x to drop the tnc out of packet
> mode unless you truly want to take the TNC to APRS or OFF.
>
> If I am receiving at 436.xxx (whatever) on the right band, in packet mode,
> entering TC 1 drops me into a mode that has direct control of changing
> frequency, etc without fully being in "APRS" mode. I quickly change my
> frequency (using commands that I will post on my web site soon) then I enter

> TC 0 to jump right pack into full packet mode. I haven't made the TNC
> re-intialize, and I go right back into receiving data, where the only delay
> has been the time needed for the radio to change the freq.

My testing yesterday still forced a TNC reset when going back to TNC mode.
I do TC 1 then sendt new freq, then send TC 0, but the TNC does a double
reset each time...? Ideas?

Bob

>
> I hope this is clear; there is a distinction between what TC x and TNC x
> does (as Bob noted in an earlier post, indirectly). I will update my web
> pages with this when I can. Although TNC x is case-insensitive, TC x must
> be uppercase (where x is simply 0 1 or 2 as in the chart).
>
> As always, questions to the list or to me direct. Thanks.
>
> Jim N0RMO
> ----- Original Message -----
> From: "Jim Gill" <jimgill@ix.netcom.com>
>
>
> > The following
> > table looks best in fixed width.
> >
> >   TNC   TO GO   KEY
> > IN MODE   TO MODE   STROKE
> > ---------------------------------
> > OFF   APRS   TNC 1
> > OFF   PACKET   TNC 2 then TC 0
> >
> > APRS   OFF   TNC 0
> > APRS   PACKET   TNC 2 then TC 0
> >
> > PACKET   OFF   TC 1 then TNC 0
> > PACKET   APRS   TC 1 then TNC 1
> >
> > Once in PACKET mode at any time, you may need to enter HB 1200 or HB 9600
> to
> > set the proper packet speed after switching modes. To switch speed while
> in
> > APRS mode, use PKSA 0 for 1200, PKSA 1 for 9600.
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] Re: New Palm IIIx pricing

From: "stridr" <stridr@optonline.net>
Date: Fri, 4 Feb 2000 13:04:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64462-2000.02.04-12.02.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Their web site says $299.98. What gives?

Howard

Help eradicate Pediatric Brain Tumors
http://go.to/nerfk

Join our ride 20 Aug 2000

Howard Hecht   WA1LWD
P.O. Box 3483
Milford, CT 06460-0943

Co-Task Force Leader
New England Ride for Kids

Sportbikers do laps.
      Cruisers do boulevards.
             Sport-Tourers do CONTINENTS!

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, February 03, 2000 11:00 PM
Subject: [htaprs] New Palm IIIx pricing

> Hi all,
>
> Zones.Com just announced new pricing on Palm products. The Palm IIIx is
now
> just $229.
>
> The IIIe is $149, but I don't know if that will work for our purposes.
>
> Thought folks might like to know.
>
> 73,
>
> Jon
> KE9NA
>
>
> ------------------------------------
> Jon Ogden
> KE9NA
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: stridr@optonline.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] Using TH-D7A in the UK

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Fri, 04 Feb 2000 11:11:50 PST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64476-2000.02.04-13.09.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Margaret and I are planning a trip to Scotland, including the Isle of Skye,
and England, including Hereford, in the spring. What do I need to know
about repeater use there? Is the North American TH-D7A model incompatible
with UK repeater standards? If so, can I modify the rig? What is the APRS
frequency in the UK? Is most 2-m and 70-cm FM activity in the UK on
repeaters or simplex? Thanks for your help.
73, Bruce Prior N7RR in Blaine, Washington, USA
_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] Visor - DH7

From: "Cor Knijnenburg" <corknijnenburg@scg-inc.com>
Date: Fri, 4 Feb 2000 15:15:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64494-2000.02.04-16.47.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Everyone,

I'm going to hookup my Visor Deluxe by handspring to the DH7 and try to run
the palmaprs this weekend. Is there anyone who has experimented with that?
If so send me a private email if you have pointers.

Thanks,
Cor Knijnenburg
KD5GIB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Satellie tracking and Radio control

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Feb 2000 17:53:27 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64496-2000.02.04-16.51.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRStk is a beta program which added satellite tracking to APRSdos. Now
it can control the Kenwood radio too!
You can use it to monitor your local 2m APRS activity but it will QSY the
radio and switch to 9600 baud whenever a satellite is in view, and will
then auto-tune to track doppler. (i hope) I have found that the radio will
copy the satellites on just a 20 inch whip antenna when the birds are
above 20 deg. See http://web.usna.navy.mil/~bruninga/antsmobl.gif for an
antenna profile

Details:
1) APRStk is bleeding edge experimental. It aint perfect yet.... But if
you already have APRSdos, then APRStk simply runs in place of it..

2) New file name is ASTK-EXE.ZIP and it includes all the APRStk UNIQUE
   files to give you APRStk capability in an existing APRSdos system.

3) Hit F1-Help to see the APRStk unique condensed help info while running.

4) New commands are INPUT-MY-FREQ to directly enter a radio freq. Just
   to verify it works. Any FREQ above 400 will set HB=9600. Setting
   a 2m freq will set 1200 baud for now.. YES, between passes it can
   QSY the radio back to 144.39! (manually or by faking a GEOSYNC
   set of keps for a fake satelite in the table on 144.39)

5) To auto-tune, APRStk will us the table of FREQS and minimum elevations
   in the SYSTEM\SATFREQS.SYS file. If the satellite is above the minimum
   elevation AND the satellite has been marked for Tracking (T) on the
   P-LIST, then it will QSY the radio to that freq +/- doppler. It
   will sample doppler and retune the radio every 15 secs or so...

6) If two sats meet the track criteria, then only the later one in the
   list will be tracked. You can view the file with the LIST-FREQS
   command.

7) There is no antenna control, just doppler tracking since it assumes you
   are using an OMNI antenna. Still my system hears all sats above 20 deg
   on my THD7. This is the reason for the relatively HIGH threshold
   angles of 10 degrees in the freq table. I hope to have a gain plot
   by this evening. comparing the 1/4, 5/8 and 3/4 antennas.

8) WIth a little more integration, this will be on my TELNET port.
   Then those ports will show the 9600 baud downlinks from ANY satellite
   in view above 20 deg in Annapolis. All we need are a few more such
   automated groundstations linked by the internet.

Again, this is just experimenteal. It real power will be gained when
it is added into WinAPRS or APRS+SA, then we have ASTARS for real...
because of their built-in IGATE capability...

See for overall ASTARS: http://web.usna.navy.mil/~bruninga/astars.html

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Re: New Palm IIIx pricing

From: RASNM@aol.com
Date: Fri, 4 Feb 2000 21:47:30 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64531-2000.02.04-20.45.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 2/4/00 11:07:36 AM US Mountain Standard Time,
stridr@optonline.net writes:

<<
 Their web site says $299.98. What gives?
  >>

FYI to all: I got this in email today. I have ordered from computers4sure. I
don't work for them.   73-ron-kd5hty

quote:
Follow the URLs below to purchase a new Palm Organizer or for more info.

The Palm IIIx was $239.99 -- now only $199.99!
<A HREF="http://info.4sure.com/cgi-bin5/flo?x=dgYBEhYgowAuYhuu">www.computers4
sure.com/product.asp?productid=52254&affid=3350001</A>

The Palm V was $309.99 -- now only $274.99!
<A HREF="http://info.4sure.com/cgi-bin5/flo?x=dgYBEhYgowAuYKuA">www.computers4
sure.com/product.asp?productid=52255&affid=3350002</A>

end quote

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] TH-D7A default packet data rate

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 5 Feb 2000 10:00:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64590-2000.02.05-09.58.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there anyway to get the TH-D7A to default to 9600 baud
on power-up? That is, without using a computer to do it every
time. If it is possible to use a computer to configure the unit
so that the default for power-up could be changed, this would
solve my current problem.

73's,

Tim - N8DEU
Huntsville, Alabama

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: HT Satellite Ground stations.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Feb 2000 11:06:21 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64591-2000.02.05-10.05.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 3 Feb 2000, Hazen, Dwight L wrote:

> Better yet, a program that knows where the Satellites are, what frequency
> they are on, and switches between them so we have a seamless data stream!
> now all we need are more Satellites and better programs!

Done. APRStk now does that. It will QSY the radio to whichever satellite
is in view and will QSY for doppler. One thing I left out was an
automatic QSY back to 144.39. But you can fake it by inventing a
Geosynchronus entry in the satelite table and give it the freq of 144.39!

But then on 144.39 it fills up the lists so fast, that if you did capture
anythign from the satellites, it is quickly lost... Unless you set
CONTROL-FILTER-LIMIT to only one hop staions...

No real applications though until we get some cross country travelers with
D700's on the air...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: TH-D7A default packet data rate

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Feb 2000 11:32:29 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64595-2000.02.05-10.30.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 5 Feb 2000, Tim Cunningham wrote:

> Is there anyway to get the TH-D7A to default to 9600 baud
> on power-up? That is, without using a computer to do it every

In a word... no

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] APRStk QSY to 144.39

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Feb 2000 11:46:37 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64597-2000.02.05-10.44.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For fun, if you want your HT to QSY to terrestrial APRS on 144.39 between
passes, insert a fake GEO satellite at the top of the SATFREQS.SYS file as
follows: (column positions must match)

```
SAT  CALL     UPLINK                 DONWLINK             MODE
---- -------  ---------------------  -------------------  -------------
APRS          144.39                 144.39          FM   Terrestrial
AO10          435.03 -435.18    LSB  145.975-145.825 USB  Mode B Analog
RS13          145.96 -145.99    LSB   29.46 - 29.50  USB  Mode A Analog
```

And inset the following KEPS in the LEO.ORB file:

```
Satellite:      APRS
Catalog number: 09099
Epoch time:     99001.0
Element set:
Inclination:     0
RA of node:      0
Eccentricity:    0
Arg of Perigee:  0
Mean Anomaly:    0
Mean Motion:     1.00265
Decay Rate:      0
Epoch Rev:       0
Checksum:        0
```

This should do it. To enable QSY to any satellite, hook it on the P-LIST

and indicate the usual TRACK (T).

Now, I do not know how well this will work during a pass. The code to
resolve conflicts when two birds are in view at the same time is not well
done nor tested. Hopefully , it will take the later one in the list.
Worst case is it will toggle back and forth every 15 seconds or so.. :-(

I cant fix it or test it till monday, because I left my HT at work hooked
to a TELNET site to auto track/tune all the PACSATS.... over the weekend.
Also, remember that APRStk will not try to talk to the radio unless you
indicated THD7/D700 as the TNC type when you did the start up
configuration...

 de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] TH-D7A software question

From: "Jim Brooker" <n8jb@arrl.net>
Date: Sat, 5 Feb 2000 14:00:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64614-2000.02.05-12.58.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After updating the McAfee Virus Software data file today to vers 4063,
Virusscan is reporting a virus in the MDP-D7 software for the TH.-D7A in the
program's EXE file. It's also detecting it on the CD source program, so it
won't reinstall.

Has anyone else had this problem or know if there's a later version of the
software than 1.10? It doesn't seem to be on the Kenwood site.

Thanks.

Jim Brooker
N8JB

88. [htaprs] WINAPRS TNC CONFIG FILE FOR TH-D7A

From: Gerry Paquette <ve2aw@total.net>
Date: Sat, 05 Feb 2000 15:43:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64619-2000.02.05-14.41.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Sigger's:

I need help!!! Is there such a thing as a TNC
init file for the WinAPRS software whenever it is
used with the D7A? If so, where the heck can I
find this?

Thanks a bunch for reading this es 73

--
Gérard (Gerry) Paquette
Canadian WinAPRS Support Site:
http://www.qsl.net/ve2aw/
WinAPRS maps of some regions in Canada:
ftp://ftp.qsl.net/pub/ve2aw/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] Re: Satellie tracking and Radio control

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 05 Feb 2000 16:56:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64628-2000.02.05-15.53.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/4/00 5:53 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> You can use it to monitor your local 2m APRS activity but it will QSY the
> radio and switch to 9600 baud whenever a satellite is in view, and will
> then auto-tune to track doppler. (i hope) I have found that the radio will
> copy the satellites on just a 20 inch whip antenna when the birds are
> above 20 deg. See http://web.usna.navy.mil/~bruninga/antsmobl.gif for an
> antenna profile

 this URL produces ....

Forbidden

You don't have permission to access /~bruninga/antsmobl.gif on this server.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "He's not dead -- He's electroencephalographically challenged."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Re: HT Satellite Ground stations.

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sat, 5 Feb 2000 16:27:45 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64632-2000.02.05-16.26.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

---- Original Message -----
From: "Bob Bruninga" <bruninga@nadn.navy.mil>
> On Thu, 3 Feb 2000, Hazen, Dwight L wrote:
> > Better yet, a program that knows where the Satellites are, what
frequency
> > they are on, and switches between them so we have a seamless data
stream!
> > now all we need are more Satellites and better programs!
> Done. APRStk now does that. It will QSY the radio to whichever satellite
> is in view and will QSY for doppler. One thing I left out was an
> automatic QSY back to 144.39. But you can fake it by inventing a
> Geosynchronus entry in the satelite table and give it the freq of 144.39!

Note to other D7/D700 users: there is a difference in the way the two radios
accept "radio control" commands. When using the THD7 TNC in PACKET mode in
CONVERSE mode, you apparently can enter TC 1 to drop down to radio control
mode, enter your frequency change, then enter TC 0 to come back to PACKET
mode. The TNC re-inits when you come back to packet mode.

On the D700, if in PACKET mode in CONVERSE mode, you ***must*** send a
ctrl-c to drop to the cmd: prompt, then you can

TC 1   to go to radio control mode
change freq
TC 0   to go back to packet mode then
CONV or K to get back into packet converse mode.
The TNC does *not* re-init.

Ther are subtle *important* differences between the two radios even though
they behave mostly the same. I am continuing to discover and document these
diff's with Bob B and on my web page.

Enjoy!
Jim Gill   N0RMO
Omaha, NE
www.netcom.com/~jimgill/tmd700a.htm
jimgill@ix.netcom.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] D700 in the news-- RoadStar news

From: "Clayton Watson" <kb0wzi@atlascomm.net>
Date: Sat, 5 Feb 2000 18:13:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64640-2000.02.05-18.09.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just setting here looking at the latest issue of Newport's roadSTAR maganize
(free magazine for truckers) February 2000 issue and on page 36-37 pops out
the D700. This magazine can be found for free and is at most truck stops
near the drivers lounges or by the phones. Some other interesting devices
that are dash mounted.   Might be able to find this magazine printed on the
internet. www.roadstaronline.com

Cool toys for 18 wheelers and the four wheelers too.

Clayton Watson

Southwest Missouri APRS Community
www.qsl.net/smac
kb0wzi@arrl.net

Remeber: If it ain't broke, you're not trying!!!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] Slightly off subject

From: GPersons <railfan@flash.net>
Date: Sat, 05 Feb 2000 18:32:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64644-2000.02.05-18.30.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry for the bandwidth but can anybody tell me what the downlink
frequencies for OPAL are?

Thanks

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] "Spaces" on the D700

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Sat, 05 Feb 2000 21:15:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64651-2000.02.05-20.14.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Am I correct that the only way to insert a blank space in a msg on
the D700 is by using the character key? This certainly seems unduly
difficult for a character that gets used so frequently. The only way
I've been able to do it is to:
        1.press the tuning knob to move to the next space
        2.press the character key to insert a blank
        3.press the tuning knob again to move to the first space of the
next word
        4.press the character key again to get back to alpha (abc) mode

    There must (should) be a simpler way. I could find nothing in the
manual.

73sGeorge W3GP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Re: "Spaces" on the D700

From: "Chris Arndt" <carndt@slonet.org>
Date: Sat, 05 Feb 2000 18:43:30 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64662-2000.02.05-20.51.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't use the tuning knob to advance, use the soft arrow keys on the bottom
of the display. Then you can use fingers on the right hand, too. Actually,
I thought having the space be the default character of the character key
was rather nice, a lot easier than finding it on the D7A.

********** REPLY SEPARATOR **********

On 2/5/00, at 6:19 PM, George S. Pappayliou wrote:

>Am I correct that the only way to insert a blank space in a msg on
>the D700 is by using the character key? This certainly seems unduly
>difficult for a character that gets used so frequently. The only way
>I've been able to do it is to:
>   1.press the tuning knob to move to the next space
>   2.press the character key to insert a blank
>   3.press the tuning knob again to move to the first space of the
>next word
>   4.press the character key again to get back to alpha (abc) mode
>
>   There must (should) be a simpler way. I could find nothing in the
>manual.
>
>73sGeorge W3GP
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] Re: Satellie tracking and Radio control

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Feb 2000 22:15:19 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64663-2000.02.05-21.12.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 5 Feb 2000, Brian B. Riley wrote:

> > then auto-tune to track doppler. (i hope) I have found that the radio will
> > copy the satellites on just a 20 inch whip antenna when the birds are
> > above 20 deg. See http://web.usna.navy.mil/~bruninga/antsmobl.gif for an
> > antenna profile
>
> this URL produces ....
>
> Forbidden
> You don't have permission to access /~bruninga/antsmobl.gif on this server.

Try the main ASTARS page http://web.usna.navy.mil/~bruninga/astars.html

the GIF is posted there too...
bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] Re: D700 in the news-- RoadStar news

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Feb 2000 22:24:21 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64664-2000.02.05-21.21.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 5 Feb 2000, Clayton Watson wrote:

> Just setting here looking at the latest issue of Newport's roadSTAR maganize
> (free magazine for truckers) February 2000 issue and on page 36-37 pops out
> the D700. This magazine can be found for free and is at most truck stops
> near the drivers lounges or by the phones.

Again, if anyone does cross country traveling and "is a ham" and has the
D700 please have them get in touch with me by Email,... Thanks.. Bob

(wb4apr@amsat.org)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] Testers needed

From: "Anthony Parise" <aparise@fast.net>
Date: Sat, 5 Feb 2000 21:24:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64665-2000.02.05-21.22.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need one or two persons to help me test my TH-D7 control program (yes,
another one) before I release it. It runs on a PC under Windows 95/98.
Volunteers please respond directly via email.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] figured it out..

From: "jeff" <jeff@k8sn.org>
Date: Sat, 5 Feb 2000 22:36:32 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64666-2000.02.05-21.28.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wanna thank everyone who answered my request for help.   I finally
figured out what was wrong after spending 2 sleepless nights and reading
alot of stuff..   What I realized was that when I set the second port on the
kpc3+ that is new with the new firmware that I did not have to intialize
the gps before using my tracker box.   My guess is that because I did that
the tnc was back to looking for the gps data on the other port. or
something to that affect..   or atleast this is my guess.   All I can say is
now it works and I am happy :)

Jeff Kc8ffv-14

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] Re: "Spaces" on the D700

From: Jon Ogden <jono@enteract.com>
Date: Sat, 05 Feb 2000 22:34:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64667-2000.02.05-22.29.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/5/00 8:15 PM, George S. Pappayliou at AA8MA@worldnet.att.net wrote:

> Am I correct that the only way to insert a blank space in a msg on
> the D700 is by using the character key? This certainly seems unduly
> difficult for a character that gets used so frequently. The only way
> I've been able to do it is to:
> 1.press the tuning knob to move to the next space

> 2.press the character key to insert a blank
> 3.press the tuning knob again to move to the first space of the
> next word
> 4.press the character key again to get back to alpha (abc) mode
>
> There must (should) be a simpler way. I could find nothing in the
> manual.

Use the MICROPHONE to enter messages. The "0" key is the space.

A is cursor right
B is cursor left
C is delete
D is OK

Makes enter messages MUCH easier.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] TH-D7A and 9600 baud

From: Jon Ogden <jono@enteract.com>
Date: Sun, 06 Feb 2000 01:23:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64689-2000.02.06-01.18.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I've had people tell me this, but now I have verified it.

The TH-D7A does not really work that well for 9600 baud. The reason is that
it takes the radio too long to switch between TX and RX. So the station you
connect to has already sent its data or acknowledgement back by the time the
HT gets into receive.

A local packet expert told me this, but I didn't necessarily believe him
until I tried it. He was right. Connecting to a local packet node 2 blocks
away is interminably slow as the HT doesn't hear all the packets from the
node as it takes too long to switch from TX to RX.

>From what I understand digipeating through another station can alleviate it
since the digipeater doesn't send acks back but the final station you
connect to does. So by the time you get back to the RX frequency the digi
has done its thing.

I am curious if the TM-D700A is any better.

I am also curious on other people's 9600 baud experiences.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] Palm IIIx accessories required

From: "hasan schiers" <schiers@netins.net>
Date: Sun, 6 Feb 2000 07:34:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-64714-2000.02.06-07.32.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now that the Palm IIIx's have come down in price, I'm thinking of getting one. Could someone tell me what accessories I would need to use it for PalmAPRS...also, what accessory would I need simply to have it talk to a TNC to program it properly.

You guessed it...I've got a pico that periodically loses its settings if disconnected from power, so I have to program it in the car if I want it to keep in gps mode!

I know little or nothing about the Palm devices, so I need the nuts and bolts of what to buy.

Initially I just want to have the palm talk as a terminal to my tncs. Then I want to pursue the pocket aprs use. Any help would be much appreciated before the cheap Palm IIIx's are out of stock. 73

hasan schiers
schiers@netins.net
N0AN

hasan schiers
schiers@netins.net
N0AN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] Re: Testers needed

From: "Anthony Parise" <aparise@fast.net>
Date: Sun, 6 Feb 2000 8:10:0
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64715-2000.02.06-08.07.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm overwhelmed by the response to my request for testers. I have all I need now, so I'm going to pick from those who have already responded. Thanks to all who have.

Tony
WA3HRL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] Re: [aprssig] Palm IIIx accessories required

From: judyrod.padmore@ns.sympatico.ca (Rodney Padmore)
Date: Sun, 06 Feb 2000 10:58:06 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-64718-2000.02.06-08.55.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hasan schiers wrote:
>

> Now that the Palm IIIx's have come down in price, I'm thinking of getting
> one. Could someone tell me what accessories I would need to use it for
> PalmAPRS...also, what accessory would I need simply to have it talk to a TNC
> to program it properly.
>
> You guessed it...I've got a pico that periodically loses its settings if
> disconnected from power, so I have to program it in the car if I want it to
> keep in gps mode!
>
> I know little or nothing about the Palm devices, so I need the nuts and
> bolts of what to buy.
>
> Initially I just want to have the palm talk as a terminal to my tncs. Then
> I want to pursue the pocket aprs use. Any help would be much appreciated
> before the cheap Palm IIIx's are out of stock. 73
>
> hasan schiers
> schiers@netins.net
> N0AN
>
> hasan schiers
> schiers@netins.net
> N0AN
>
> ---
> You are currently subscribed to aprssig as: JUDYROD.PADMORE@NS.SYMPATICO.CA
> To unsubscribe send a blank email to leave-aprssig-1562R@lists.tapr.orgI think Palmaprs is not yet
able to use the terminal window so cannot be
used to replace the settings in a tnc. I,too, have a picopacket and have
been waiting to hear that the terminal window has been made functional
but hope that it will be on next release. You should check the info page
for palmaprs for uptodate details. 73 de Rod, VE1BSK.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] Re: Satellie tracking and Radio control

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 6 Feb 2000 10:39:11 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64722-2000.02.06-09.37.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Sorry Bob, It's still not letting anyone view the page(see below).
>
> > > http://web.usna.navy.mil/~bruninga/antsmobl.gif
OR   http://web.usna.navy.mil/~bruninga/astars.html

Sorry folks. I am at the WEB site and even I cannot access it. ALl the
computers went down sometime yesterday, and no one here to bring the
system back up apparently. Expect it to be back up on Monday.

But I have fixed the problem in APRStk.EXE limiting operation to the THD7
only. Now it should work with the TMD700 also. And I edited in the pseudo
GEO sat for 144.39 so that the radio should go back to terrestrial APRS
between passes.

Watch for STENSAT deployment today. STENSAT is also in the list and
should also be auto-tuned on 2 meters... Since STENSAT is not yet deployed
I used the NASA object number for JAWS. Once STENSAT gets its own #, then
you will have to edit that in... since all updates are based on OBJ#.

Again, this is BETA software. Feedback welcomed. Grievances expected...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Re: Satellie tracking and Radio control

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 06 Feb 2000 14:58:48 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-64778-2000.02.06-13.56.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/5/00 10:15 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> On Sat, 5 Feb 2000, Brian B. Riley wrote:
>
>>> then auto-tune to track doppler. (i hope) I have found that the radio will
>>> copy the satellites on just a 20 inch whip antenna when the birds are
>>> above 20 deg. See http://web.usna.navy.mil/~bruninga/antsmobl.gif for an
>>> antenna profile
>>
>> this URL produces ....
>>
>> Forbidden
>> You don't have permission to access /~bruninga/antsmobl.gif on this server.
>
> Try the main ASTARS page http://web.usna.navy.mil/~bruninga/astars.html
>
> the GIF is posted there too...
> bob
>
>

 oops, now the Astars page is denying me, and I know I was able to access it
the other day right from home ... problems?????

Forbidden

You don't have permission to access /~bruninga/astars.html on this server.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "If you can't believe what you read in comic books, what can
    you believe?" -- Bullwinkle J. Moose

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] SMA connectors

From: Tim Yeatman <tyeatman@aei.ca>
Date: Sun, 06 Feb 2000 22:46:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64815-2000.02.06-22.29.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all. Regarding the recent posts of sma connectors shorting out or no longer
making the connection. There exist computer db25-15-9 port protectors which are
simply m-f adapter, is anyone aware of a similar adapter sma male to female which
would permit us to leave it on the radio and when it goes bad, replace it with
another, thus lessening the wear and tear on the onboard female. Also, anyone
know where to find the 3.5mm dc connector in a 90 degree mode?

Tim Yeatman VA2TPY aprs VA2TPY-7
Richelieu Qc. Ca near Montreal
68 T120, many Tridents, some Velocettes
other asst'd Norton, BSA, Ducati, Moto Guzzi, Honda, Kawa
saving them for retirement projects
and a 63 Stude Avanti sort of in restoration
http://www.aei.ca/~tyeatman
Working hours yeatman@ca.ibm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] Re: SMA connectors

From: Greg Noneman <greg@clubnet.net>
Date: Sun, 6 Feb 2000 22:45:29 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64843-2000.02.07-00.43.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SMA connector savers (male to female adapters) are available from various
RF connector manufacturers. I don't have model numbers or prices, but
assume these can be found on manufacturers web sites.

Greg Noneman
WB6ZSU

>Hello all. Regarding the recent posts of sma connectors shorting out or no
>longer
>making the connection. There exist computer db25-15-9 port protectors
>which are
>simply m-f adapter, is anyone aware of a similar adapter sma male to
>female which
>would permit us to leave it on the radio and when it goes bad, replace it
>with
>another, thus lessening the wear and tear on the onboard female. Also, anyone
>know where to find the 3.5mm dc connector in a 90 degree mode?
>
>
>Tim Yeatman VA2TPY aprs VA2TPY-7
>Richelieu Qc. Ca near Montreal
>68 T120, many Tridents, some Velocettes
>other asst'd Norton, BSA, Ducati, Moto Guzzi, Honda, Kawa
>saving them for retirement projects
>and a 63 Stude Avanti sort of in restoration
>http://www.aei.ca/~tyeatman
>Working hours yeatman@ca.ibm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] RE TH-D7 AND 9600 BAUD

From: John Blowsky <kb2scs@worldnet.att.net>
Date: Sun, 06 Feb 2000 08:36:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64940-2000.02.07-16.58.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jon
  I had entirely different experience. I Connected to a 9600 baud
Flexnet node
that is about 25 miles from my house. I did this with an outside ant.
and 5 watts.
Any how the connection worked flawlessly. In fact I cannot wait to get
my d700 so I can
do this all the time.

> I am also curious on other people's 9600 baud experiences.
>
> 73,
>
> Jon
> KE9NA
>
> ------------------------------------
> Jon Ogden
> KE9NA
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>

--

Let us hope we never witness the "Silence Of The Hams"

73 DE John KB2SCS
   Mail To: kb2scs@wa2pnu.#nli.ny.usa.noam
   E-Mail: kb2scs@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: RE TH-D7 AND 9600 BAUD

From: Jon Ogden <jono@enteract.com>
Date: Mon, 07 Feb 2000 18:36:44 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64944-2000.02.07-18.31.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/6/00 7:36 AM, John Blowsky at kb2scs@worldnet.att.net wrote:

> I had entirely different experience. I Connected to a 9600 baud
> Flexnet node
> that is about 25 miles from my house. I did this with an outside ant.
> and 5 watts.
> Any how the connection worked flawlessly. In fact I cannot wait to get
> my d700 so I can
> do this all the time.

Interesting. Perhaps the node is set up to delay transmitting for a bit
after it receives data. A longer TXD delay would certainly help a lot. If
it is set too short, the TH-D7A does have problems receiving properly.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] Control Program for D700 on NT, any exist

From: Richard Parry <rparry@qualcomm.com>
Date: Mon, 07 Feb 2000 21:58:22 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64972-2000.02.07-23.55.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Kenwood website provides a free D700A control program for
programming. They say it runs under Windows 95/98, I wonder if anyone has
tried it on NT. I could install it and find out pretty easy, but rather not
experiment with the Registry (scary stuff).

Alternatively, are there any NT users out there doing anything clever to
program the D700?

thanks,
Rich Parry, W9IF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] D700 doesn't remember Power state when car is turned off

From: Richard Parry <rparry@qualcomm.com>
Date: Mon, 07 Feb 2000 22:05:58 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-64990-2000.02.08-00.03.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I turn my car OFF with the D700 is ON and subsequently start the car again, sometimes the D700 turns ON automatically (as it should) and sometimes I have to manually turn it ON. I want the D700 to remember the state it was in when the car was turned off. This is important in a tracker application where you don't want to have to remember to turn the D700 on when you turn the car on. Is there some hidden menu item I missed (BTW, my APO is OFF).

thanks,

Rich Parry, W9IF

112. [htaprs] Re: Control Program for D700 on NT, any exist

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Tue, 8 Feb 2000 00:22:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64992-2000.02.08-00.20.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Richard Parry" <rparry@qualcomm.com>
> The Kenwood website provides a free D700A control program
> They say it runs under Windows 95/98, I wonder if anyone has
> tried it on NT.

Richard,

I'm replacing a failed hard drive on a new barebones system of mine, and will be reinstalling NT4W on it. This is a 15Gb drive, so I'll be using Partition Magic to set up separate partitions for NT4S and NT4W with NTFS, 98SE/FAT32, and one for a future first-time (for me) install of Linux.

The long and short of it is, I seem to remember trying the KW software on NT4W before I crashed, will try again and let you know what happens (the KW software was not the reason for the drive failure).

Also a major previous impression of the KW software was that the channels do not retain their sort order when you re-open a *.700 file, so you either have to re-sort before you upload to the radio, or elect not to use their sorting at all.

Give me a day or so and I'll have some further answers for the sig unless someone beats me to it.

> Alternatively, are there any NT users out there doing anything clever to
> program the D700?

Been doing a lot of experimenting with programming "manually" through the port by discovering and documenting control codes. Also the radio works great with the 9600baud UOsats. Look at my web page at http://www.netcom.com/~jimgill/tmd700a.htm for the work I've done so far.

73
Jim Gill N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Re: Control Program for D700 on NT, any exist

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Tue, 8 Feb 2000 02:13:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-64995-2000.02.08-02.11.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> ----- Original Message -----
> From: "Richard Parry" <rparry@qualcomm.com>
> > The Kenwood website provides a free D700A control program
> > They say it runs under Windows 95/98, I wonder if anyone has
> > tried it on NT.
----- Original Message -----
From: "Jim Gill" <jimgill@ix.netcom.com>

> NT4W
> Give me a day or so and I'll have some further answers

I am able to run Kenwood's Mcp_d700.exe in NT4 Workstation from a shared
directory on a Windows98 box over my LAN. It appears that this program uses
default windows dialog boxes and controls, since it does not install or need
any special or additional dll's or supplemental files. I'm able to open
from disk, modify, and save to disk any *.700 files on the NT box, while
running the software over the LAN as indicated.

Since my radio is actually out in the van, and I don't feel like dragging it
inside at this late hour, I haven't actually tried to connect to the rig
over a serial port in NT4 Workstation. When I get a chance I'll let you
know if there are any comport issues in NT by actually trying it with the
radio.

Jim N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: D700 doesn't remember Power state when car is turned off

From: Jim Baremore <k5qq@juno.com>
Date: Tue, 8 Feb 2000 05:17:19 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-65009-2000.02.08-06.16.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 07 Feb 2000 22:05:58 -0800 Richard Parry <rparry@qualcomm.com>
writes:
> I want the D700 to remember the state it was in when the car was turned
off.
>Is there some hidden menu item I missed
>
> Rich Parry, W9IF

Hi Rich

Are you using the PM settings to memorize a favorite configuration?

The D700 has five of them and I set one for just packet use, i.e.,
changing the menu so the Packet Menu is on top and setting the TNC on and
setting the other side of the radio to my normal repeater freq.   I also
have a PM set so the radio is set up like a conventional dual band voice
radio.   It sounds like this is what you need for your setup.

I won't go into the procedure since it's in the book but you might have
missed knowing that feature was available.

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: D700 doesn't remember Power state when car is turned off

From: Jon Ogden <jono@enteract.com>
Date: Tue, 08 Feb 2000 07:41:25 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65014-2000.02.08-07.39.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/8/00 12:05 AM, Richard Parry at rparry@qualcomm.com wrote:

> When I turn my car OFF with the D700 is ON and subsequently start the car
> again, sometimes the D700 turns ON automatically (as it should) and sometimes
> I have to manually turn it ON. I want the D700 to remember the state it was
> in when the car was turned off. This is important in a tracker application

> where you don't want to have to remember to turn the D700 on when you turn the
> car on. Is there some hidden menu item I missed (BTW, my APO is OFF).

Richard,

I have a PM memory set up for just this purpose! I have my normal one set
to send a packet every 2 minutes. When I park the car, I hit the PM button
and the proper PM memory. This switches my display to the dimmest setting
possible and also changes my beaconing time to once every 30 minutes. Some
people prefer to add position ambiguity to this state as well.

I don't like the idea of turning a radio this heavily software controlled on
and off via the power line. Frankly, that scares me. Bad things can happen
with voltage glitches, etc.

When you get back in the care, re-select the PM that you want for mobile use
and off you go!

This way you still beacon when parked.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] RE: D700 doesn't remember Power state when car is turned off

From: Richard Carter <rcarter@isi.com>
Date: Tue, 8 Feb 2000 08:56:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-65016-2000.02.08-07.54.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It sounds like something is wrong with your radio. Mine works just fine.

Rich Carter - KE1EV

-----Original Message-----
From: Richard Parry [SMTP:rparry@qualcomm.com]
Sent: Tuesday, February 08, 2000 1:06 AM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] D700 doesn't remember Power state when car is turned off

 << File: ATT00000.htm >> When I turn my car OFF with the D700 is ON and subsequently start the car
again, sometimes the D700 turns ON automatically (as it should) and
sometimes I have to manually turn it ON. I want the D700 to remember the
state it was in when the car was turned off. This is important in a
tracker application where you don't want to have to remember to turn the
D700 on when you turn the car on. Is there some hidden menu item I missed
(BTW, my APO is OFF).

thanks,

Rich Parry, W9IF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] power

From: "jeff" <jeff@k8sn.org>
Date: Tue, 8 Feb 2000 09:22:27 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65017-2000.02.08-08.15.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ok u guys have helped me so far... I am having power problems.. I am running my tracker off of a extra car battery in my truck. I am getting about 15 hours on it.. #1) is there a way to make the tracker slow down andsay go into just a beacon every 10 min? #2) anyone have some ideas for power?

jeff

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] Palm Maps Info

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Tue, 8 Feb 2000 04:03:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65067-2000.02.08-12.02.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have discovered a program that I can scan in any map and convert it to a palm format. This has done wonders for me and it is free for all to use. Check out the site Listed below:

http://www.precisionnav.com/

I have scanned in the maps of the three counties that we work in for ARES here in the local area and they all work fine for pocket HTAPRS in my palm IIIe. I am going to try the topo maps next and see how they do in the palmpilot next.
Peter Anderson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] Re: power

From: "Bill Kearns" <billk@inland.net>
Date: Tue, 8 Feb 2000 14:55:28 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65085-2000.02.08-17.01.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
> ok u guys have helped me so far... I am having power problems.. I am
> running my tracker off of a extra car battery in my truck. I am getting
> about 15 hours on it.. #1) is there a way to make the tracker slow down
> andsay go into just a beacon every 10 min? #2) anyone have some ideas for
> power?
>
>
> jeff

try this:

 >>this is a simple, easy to build, circuit designed to
automatically turn on your dumb mobile tracker *after* you start
your vehicle engine (thereby eliminating voltage spikes
that may cause TNC or Radio memory dump during startup)
AND this circuit is designed to keep your vehicle icon
"on the map" for the entire time your vehicle is off and
parked.

(kpc-3 owners note the following .... i have the BLT command set at
a 10 second delayed start so as to get at least 2 reports out during the 2
minute
'window' the tracker is on while parked)

BLT 1 EVERY 00:02:00 START 00:00:10

this works excellent if you like to use www.aprs.net at work so make sure
your car is still in the parking lot.... or your daughter is 'still' at the
library
after 3 hours....or your wife is 'still' at work....etc..

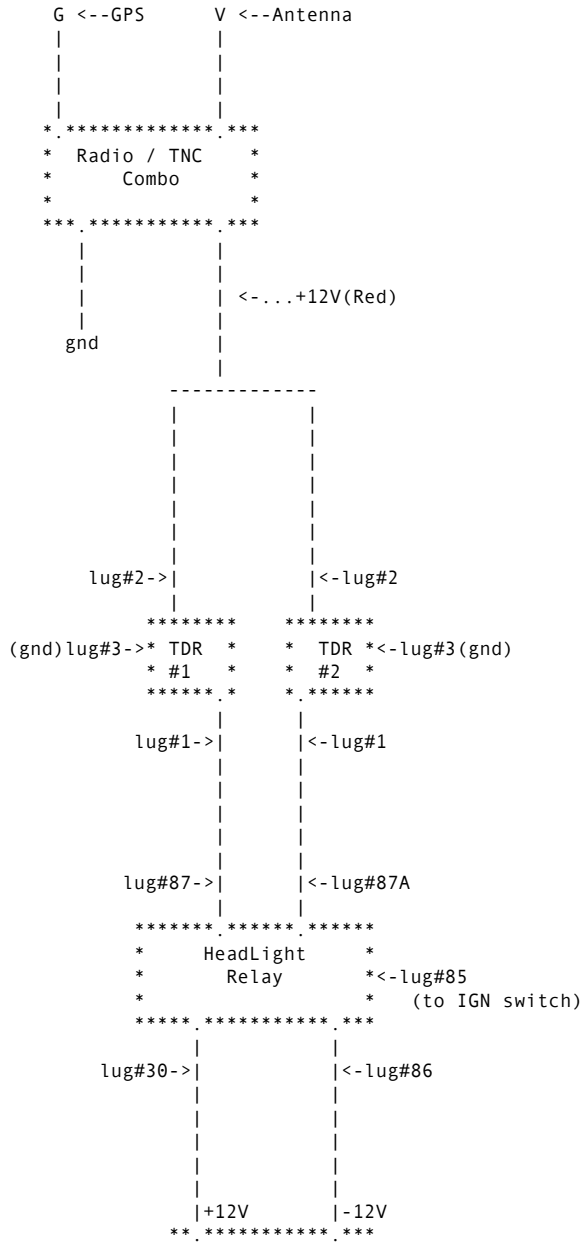
it eliminates the 'old excessive beaconing'
problem encurred by just leaving the tracker on and
running while parked. beaconing over and over and over
and clogging up the frequency......

(actual rate is about 3 position beacons xmited per hour)

this will work with all trackers including kpc-3's,
paccomms, mfj's, mic-e's etc.

first, many thanks to gene ke6hxi for his assistance
on this project and for pointing out to me that a common
"headlight" relay is actually an electronically controlled
"A/B" switch. The headlight relay is actually the 'heart'
of this setup.

____
Please view in a fixed-width font such as Courier.



```
              *                *
              *    Vehicle     *
              *    Battery     *
              *                *
              ******************
```

Notes:_____

HeadLight Relay: Common headlight relay
found anywhere. (Potter & Brumfield type)
(any autoparts store etc.)
actually you might find one at a junk yard with
the socket connecter attached with the wiring harness
for a good price...

TDR#1 = Time Delay Relay (Delay On Make)
0 to 10 minutes (adjustable)
part# HRDM123 SSAC Inc.

TDR#2 = Time Delay Relay (Recycle)
16 min off / 2 min on
(off time first)
part# HRDR112MB16M SSAC Inc.

KPC-3 = BLT 1 EVERY 00:01:00 START 00:00:10

This command insures a beacon or 2
during the 2 minute 'window' the
TDR has the tnc/radio on while parked.

_____SSAC Info: (only sells to dealers)_____

SSAC
PO Box 1000, 8220 Loop Rd.
Baldwinsville, NY 13027 USA
Phone 315.638.1300 Fax 315.638.0333
Free Application Assistance:
1.800.377.SSAC (7722) (USA & Canada)
email: info@ssac.com
_____

_____I bought mine from this dealer_____
CDS NEDCO
1169 Knollwood Circle
Anaheim, CA 92801
(714)821-1516
FAX (714)821-6173
Email: ca@cdsnedco.com
WWW: cdsnedco.com

_____

Wiring Check:

HeadLight Relay
---
lug #30 ----- goes to +12V battery positive
lug #85 ----- goes to ignition wire (hot when ign key is on)
(cold when key is off)
lug #86 ----- goes to -12V battery ground
lug #87 ----- goes to Lug#1 of TDR#1
lug #87A ---- goes to lug#1 of TDR#2

ssac time delay relay #1 (0-10 min delay on make TimeDelayRelay)
---
lug #1 ----- goes to lug 87 of the headlight relay
lug #2 ----- goes to +12v wires on the Radio/TNC Combo
lug #3 ----- goes to ground

ssac time delay relay #2 ("Recycle" TimeDelayRelay 16 min off/ 2 min on
off time first)
---
lug #1 ----- goes to lug 87A of the headlight relay
lug #2 ----- goes to +12v wires on the Radio/TNC Combo

lug #3 ----- goes to ground

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] Re: Satellite Tracking to Alaska

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 8 Feb 2000 21:46:24 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: steve willey <willey@cac.washington.edu>,
Robert Bruninga <bruninga@arctic.usna.edu>, amsat-bb@amsat.org,
TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-65114-2000.02.08-20.44.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Special Satellite tracking event on AO27

Steve Willey, KD7GXO and Eric Horst, KA7OBN requested APRS assistance in tracking their vehicle starting Friday from Seattle to north of the Arctic circle, Prudoe Bay while participating in the ALCAN2000 Alaska Rally from 11 to 19 Feb. THis is a grueling event in the dark cold of the Arctic WInter.

In the short time available, the best idea we could come up with was to suggest using their THD7 Kenwood APRS hand talkies via AO27. Since this is a timed event, they will not be able to use handheld beams while moving in the -50 deg weather, so they will only be transmitting with 5w into a 2m vehicle whip and probably only once every 30 seconds.

We ask all Satellite capable stations in the Pacific Northwest to listen for them (and/or their packets) during the daytime AO27 passes from the 11th to the 19th. Particularly, the Western passes.

RECOMMENDATIONS: We are NOT asking for dedicated time on AO27. It is a popular bird. All we ask is that if you do hear a packet burst, then set your watch and try to announce exactly when the next 30 second packet might be, and clear that 1 second time slot for their weak signal.

1) NO ONE else should transmit packets AT ALL. Any other packets will totally confuse all the rest of us listening.

2) Set PASSALL ON, so that you will capture even garbled packets. We can try to post-process these packets later to figure out where they are and how they are doing. Post any packets received. Remember they will look like 9 bytes or so of gyberish which is the APRS Mic-E compressed mode. so save ALL packets no matter what they look like.

3) After about the 13th, they will be so far north and west, that only the last 2 passes of the morning for Seattle will have them in the footprint. SO point your beam fixed to the northwest and listen. Also, those northwestern passes should see much less USA QRM.

The downlink of AO27 starts on 436.805 at the beginning of the pass and moves down to 436.785 by the end. A BEAM is required. These will be standard 1200 baud AX.25 FM packets. We hope this test will give us useful data on the viability of wilderness communications via amateur satellite. To learn more, see:

http://web.usna.navy.mil/~bruninga/astars.html

Here are some estimated pass ties for the first 5 days:

DATE	PST	UTC	Comments
11th	0930	1730	
	1105	1905	Best (further from the USA)
12th	1045	1845	
	1220	2020	Best (Further from the USA)
13th	1015	1815	
	1155	1955	Best (Further from teh USA)
14th	0950	1750	

```
      1125 1925 Best Seattle users beam NW

15th  1058 1858 Best (half way between Fairbanks and Seattle)
      1235 2035      Seattle users beam NW

The western passes of the two are generally better, since they will have
fewer USA stations on the bird at the same time.  Towards the 15th, then I
selected passes over alaska and so Seattle users should just park their
beams toward the NW and only concentrate on listening to those western
passes...

de WB4APR, Bob




---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

121. [htaprs] Kenwood's TH-D7 Software missing?

```
From: Walter Dunckel <walter@radiohound.com>
Date: Tue, 08 Feb 2000 23:12:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-65160-2000.02.09-01.07.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I do not see Kenwoods TH-D7 software on Kenwoods site. Whats up?

looking at:
ftp://216.98.255.24/SOFTWARE/

Thanks for any info
Walter


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

122. [htaprs] Re: Kenwood's TH-D7 Software missing?

```
From: "Edward A. Behl" <ed@eabehl.com>
Date: Wed, 09 Feb 2000 08:40:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-65175-2000.02.09-07.31.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Walter -

Good question. Maybe they're posting an update? Probably not...

>
> I do not see Kenwoods TH-D7 software on Kenwoods site. Whats up?
>
> looking at:
> ftp://216.98.255.24/SOFTWARE/
>
--
Ed - KG4ALG

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

123. [htaprs] Re: Palm Maps Info

```
From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Wed, 9 Feb 2000 09:12:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65191-2000.02.09-10.13.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have looked at the site and can't find the software you describe.  What
is
> the name of the software?
>
```

> Scott Shaw, KG4FYW

Scott and all,

The site contains the program for the compass as well as the mapsync
software. You have to download both to the hard drive but you have the
option of not installing the compass software to the pilot. I can forward
the file to anyone who needs it. I have written the site owner and asked
permission to forward it ot others on the list.

If there are any other problems I can be reached here.

Peter Anderson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] Mapsync Info

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Wed, 9 Feb 2000 09:18:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65192-2000.02.09-10.19.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been asked if either scanned in maps or saved maps will work on
mapsync, the answer is both. The best source of maps I found is mapquest
http://wwwmapwuest.com   for all my maps that I don't have if there is any
problems I can be reached here.

Thanks to all
Peter Anderson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] Palm maps Info (cont)

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Wed, 9 Feb 2000 09:21:59 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65193-2000.02.09-10.22.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The software can also be found on Palmgear HQ, http://www.palmgear.com
just do a search for mapsync

Peter Anderson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Re: Palm Maps Info

From: Chris Arndt <carndt@slonet.org>
Date: Wed, 9 Feb 2000 08:28:16 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-65194-2000.02.09-10.25.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, you can just dl MAPSYNC from ftp://www.precisionnav.com/pub/

On Wed, 9 Feb 2000, Peter J Anderson wrote:

>
> > I have looked at the site and can't find the software you describe. What
> is

> > the name of the software?
> >
> > Scott Shaw, KG4FYW
>
> Scott and all,
>
> The site contains the program for the compass as well as the mapsync
> software. You have to download both to the hard drive but you have the
> option of not installing the compass software to the pilot. I can forward
> the file to anyone who needs it. I have written the site owner and asked
> permission to forward it ot others on the list.
>
> If there are any other problems I can be reached here.
>
> Peter Anderson
>
>
>
>
>
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Palm Vx

From: "Dr. Rick Olsen" <n6nr@email.msn.com>
Date: Wed, 9 Feb 2000 08:43:07 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65196-2000.02.09-10.41.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone offer some comments on their use of PalmAPRS and the Palm Vx?
Any comments concerning its use in conjunction with the TM-D700A would be
especially useful.

73 de Rick, N6NR
ARRL Technical Advisor
TM-D700A owner

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: Mapsync Info

From: "Steven K. Ng" <skng@pop.iex.net>
Date: Wed, 9 Feb 2000 08:53:44 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65197-2000.02.09-10.52.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Selected USGS Digital Raster Graphics Topographics Maps may also be found at
<http://216.36.33.21/~mgreger/GIS/>. These are TIFF format maps and
will need to be converted to a compatible format.

--
Steven Ng
N6IQA
Tehachapi, CA

Please don't forward jokes, happy thoughts for the day, virus
warnings, chain letters, urban legends, Neiman Marcus Cookie recipes,
etc. to this address.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] APRStk Satellite Tracking

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 9 Feb 2000 13:41:57 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65204-2000.02.09-12.40.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRStk has satellite tracking embedded into APRSdos. It is the first
satellite program to auto-tune your Kenwood D7 or D700 for automatic
downlink capture.   A new version has been posted which incorporates these
improvements:

* Adds ISS and MIR and the recent OPAL and STENSAT to the keps
* Autotunes the Kenwood radios to the downlinks.
* Converts TLM packets to HEX so binary data doesn't mess up screens
* Adds NAVSPASUR 217 MHz radar Fence to maps so you can listen for
  radar pings when satellites cross the line...!
* APRStk.ZIP is now posted which incluldes a full-up APRSdos INSTALL
  Please use PKUNZIP -dn or WinZIP for a full install.
* ASTK-EXE.ZIP is an upgrade for existing APRSdos users. Also
  use PKUNZIP -dn to get everything.

Just run APRStk, set the squelch on your D7 or D700 radio connected to a
20" whip antenna that can see the sky with minimum coax loss, and the rest
is magic! (Downlink reception ONLY.) You will be amazed how many
satellites are flying overhead all the time..

  For more info: http://web.usna.navy.mil/~bruninga/astars.html
  Complete Download: ftp://tapr.org/aprssig/dosstuff/APRSdos/aprstk.zip
  For APRSdos users: ftp://tapr.org/aprssig/dosstuff/APRSdos/astk-exe.zip

This is a downlink monitoring application only. It is not a full-up
satellite station control program. But here are the satellites you will
hear:

UO22
KO23 (when it is working. not today)
KO25
TO31
AO27 (voice)
SO35 (when in voice mode)
OPAL (a weak brief burst once every 10 seconds)
STENSAT if it deploys properly

AO16,LO19,IO26 are Authoruized for APRS, but require UHF SSB radios and
               PSK modems for the downlink.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Kenwood TM-D700 IF bandwidth

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Wed, 9 Feb 2000 18:46:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65239-2000.02.09-18.44.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anybody know the bandwidth of the IF filter in the
Kenwood TM-D700 ?

Thanks,
Tim - N8DEU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] TMD700A manuals now at kenwood.net

From: "Erich Berman" <erich@berman.org>
Date: Wed, 9 Feb 2000 19:06:32 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65243-2000.02.09-19.04.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you who are interested, the .PDF version of the TM-D700A
manuals have been posted at:

http://216.98.255.24/Amateur/Instruction%20Manuals/

I haven't looked them over yet so consider the standard precautions.

N9RTM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] Re: TMD700A manuals now at kenwood.net

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 9 Feb 2000 21:47:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65260-2000.02.09-21.46.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is anyone else having trouble reading the "screen shots" of the radio
displays in the manual? On my computer the display shots are largely
unreadable at any resolution or zoom range... they are garbled and
distorted, not unlike what a *highly* compressed JPG will do to line
drawings. The actual text in the manual pages and any of their line drawings
or diagram graphics are fine.

Jim Gill
N0RMO
Omaha, NE

----- Original Message -----
From: "Erich Berman" <erich@berman.org>
> For those of you who are interested, the .PDF version of the TM-D700A
> manuals have been posted at:
> http://216.98.255.24/Amateur/Instruction%20Manuals/
> I haven't looked them over yet so consider the standard precautions.
> N9RTM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Re: Kenwood's TH-D7 Software missing?

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 09 Feb 2000 23:30:21 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-65265-2000.02.09-23.28.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The software's been of the web for several weeks. I formatted my hard
drive, and was pretty bummed that I couldn't find it.   Perhaps they pulled
it because someone on this SIG was complaining about it. I wish Kenwood
would list a reason for why it was pulled. BTW, I found a copy hidden on
another one of my systems and can email it to someone if they require it.

73,

Mark
KC7BXS

At 08:40 AM 2/9/00 -0500, Edward A. Behl wrote:
>Walter -
>
>Good question. Maybe they're posting an update? Probably not...
>
>>
>> I do not see Kenwoods TH-D7 software on Kenwoods site. Whats up?
>>

>> looking at:
>> ftp://216.98.255.24/SOFTWARE/
>>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Plam maps info

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Thu, 10 Feb 2000 04:37:42 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65286-2000.02.10-05.34.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have received email that the mapsync does not work on some palms and it
does on others, I am trying to find out why this is. I will do some
experimenting on this and report back in a few days.

Peter Anderson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] Re: Plam maps info

From: "hasan schiers" <schiers@netins.net>
Date: Thu, 10 Feb 2000 09:26:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65297-2000.02.10-09.24.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Peter, I'm not sure what you mean by "working". I can take a *.gif map, drag
and drop it on the program icon and it does create the file in the install
directory. I have not loaded the map onto the palm (nor the pocketAPRS
program).

I don't have a tnc to connect the palm to at this point, but I was thinking
I could evaluate how well the maps work if I installed pocketAPRS and the
maps and just displayed them and zoomed around a bit.

Does "working" mean, a successful conversion and placed in the palm software
install directory, or does "working" mean, when you try to use the map on
the palm with pocketAPRS it doesn't load the map?

I'll tell ya what really amazes me, if it is true:

You can take a map (like I did from mapblast which shows the western 2/3 of
Iowa), save it as a *.gif picture from Internet Explorer, copy it to the
desktop and drag/drop it on mapsynch and end up with a usable map for
pocketAPRS. Is it really that simple?

All other mapping programs for any version of APRS appear to be nightmares.
GEO files required, tagging the corners for long/lat....is none of this
required for the palm? That would be miraculous and I'm having a hard time
wrapping my head around the apparent simplicity of it all. What is wrong in
my thinking?

I would appreciate it if anyone would clear this up for me, it just seems
too good to be true. If true, then we have access to any map we could ever
want on the internet, or from a scanner and its a simple 1,2,3 and it
works....surely you jest?

1 = download the image and if required convert it to *.gif format.
2 = drag/drop image on mapsynch
3 = hotsynch the map file to the palm.

I don't understand how it deals with "sizes" of images downloaded and keeps
things in "perspective", so that the icons that show up, actually show where
they are supposed to. perhaps the standards for maps in palm are so
stringently specified by the OS that the conversion program (mapsync)
adheres to the standard and converts accordingly, such that the scaling and
perspective are always maintained? Again, sounds too good to be true.

Please, anyone who knows anything about this, fill me in. TIA

73
hasan schiers, N0AN
schiers@netins.net
----- Original Message -----

From: Peter J Anderson <colohtaprsunit@co.freei.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, February 10, 2000 5:37 AM
Subject: [htaprs] Plam maps info

> I have received email that the mapsync does not work on some palms and it
> does on others, I am trying to find out why this is. I will do some
> experimenting on this and report back in a few days.
>
> Peter Anderson
>
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Mobile packets cut off

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Thu, 10 Feb 2000 08:50:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65303-2000.02.10-10.11.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,
    I am thinking about using a dual band amp to extend the range of the
TH-D7A till I can save up enough for a 700. Has anyone had any problems
with having cut off packets? If so let me know.

Thanks,
Peter Anderson
Phone: (970) 392-9153
Fax: (240) 220-7311
Pager: (970) 350-3434
Cell: (970) 391-1330
Pager e-mail: p9703503434@page.metrocall.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] TMD700A

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 10 Feb 2000 11:30:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65313-2000.02.10-11.27.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi guys,

I too now am the proud owner.. I even have it mounted in the
car, and tracked myself somewhat around the neighborhood...

The question: Obviously you must leave the unit and the gps
running if you want to keep an eye on the car, but not at
the roving beacon rate of a couple minutes or three.. I
understand how to control or turn off the gps, but how have
you other owners set up the beacons? I don't see mention of
the phrase "CLEAR", but also I am a little slow in catching
on to the PM modes as far as changing the beacon rates.. If
the car was to be moved by a stranger, it would still be
beaconing the "parked" or last location!

While learning, I am as always, open to thoughts and
suggestions!!

Thanks for reading es 73!

robbie
--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Re: Kenwood's TH-D7 Software missing?

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Thu, 10 Feb 2000 09:41:14 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-65320-2000.02.10-11.40.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TH-D7A software (MCP-D7A) was a beta version. With most beta versions
a final release version usually follows. The final release version is the
PG-4W kit (CD + cable). Now that the PG-4W is out now, Kenwood pulled the
beta (courtesy) version off the FTP site. To my knowledge, I think Kenwood
is the only manufacturer that provides an FTP site for manuals, software
and other misc. help files.

At 11:30 PM 02/09/2000 -0600, Mark Fellhauer wrote:

>The software's been of the web for several weeks. I formatted my hard
>drive, and was pretty bummed that I couldn't find it.   Perhaps they pulled
>it because someone on this SIG was complaining about it. I wish Kenwood
>would list a reason for why it was pulled. BTW, I found a copy hidden on
>another one of my systems and can email it to someone if they require it.
>
>
>73,
>
>Mark
>KC7BXS
>
>
>At 08:40 AM 2/9/00 -0500, Edward A. Behl wrote:
> >Walter -
> >
> >Good question. Maybe they're posting an update? Probably not...
> >
> >>
> >> I do not see Kenwoods TH-D7 software on Kenwoods site. Whats up?
> >>
> >> looking at:
> >> ftp://216.98.255.24/SOFTWARE/
> >>
>
>
>---
>You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: TMD700A manuals now at kenwood.net

From: Kenwood <cuyeda@ix.netcom.com>
Date: Thu, 10 Feb 2000 09:48:49 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65322-2000.02.10-11.48.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood agrees with your comments and looking into getting a clearer copy
for the FTP site. Thanks for your comments. It takes just the right scan
resolution to get the line diagrams and text to be clean. There is always
a balance of file size vs. clean copy that has to be

considered. Evidently, Kenwood rushed to make this copy available to the
public. As soon as a better .pdf file is available we will repost it. Any
volunteers? :-)

Note: Kenwood the only manufacturer that provides this service as a
courtesy to our valued customers and customers to be!

Go! Kenwood!

At 09:47 PM 02/09/2000 -0600, Jim Gill wrote:
>Is anyone else having trouble reading the "screen shots" of the radio
>displays in the manual? On my computer the display shots are largely
>unreadable at any resolution or zoom range... they are garbled and
>distorted, not unlike what a *highly* compressed JPG will do to line
>drawings. The actual text in the manual pages and any of their line drawings
>or diagram graphics are fine.
>
>Jim Gill
>N0RMO
>Omaha, NE
>
>----- Original Message -----
>From: "Erich Berman" <erich@berman.org>
> > For those of you who are interested, the .PDF version of the TM-D700A
> > manuals have been posted at:
> > http://216.98.255.24/Amateur/Instruction%20Manuals/
> > I haven't looked them over yet so consider the standard precautions.
> > N9RTM
>
>
>
>---
>You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Re: TMD700A

From: Jon Ogden <jono@enteract.com>
Date: Thu, 10 Feb 2000 12:04:09 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65333-2000.02.10-11.59.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Congrats, Robbie!

Glad I talked you into it! You aren't the guy running around here with
NOCALL are you? Hi Hi! Of course not. You and I talked about him! :-)

Anyhow, when I park the car, I generally leave the radio running. All of my
normal operating parameters are stored in Parameter Memory Slot #1. When in
that slot, every time I turn the radio on it goes to those defaults. I can
screw around with frequencies, mode of operation, etc. But when I turn the
radio on again, it is back to normal! (Note - To do this, you must turn the
"auto-update" function of the PM memories off!)

When I have the car parked, I have another set stored in PM2 that changes my
beacon rate from 2 minutes to 30 minutes and also dims the display so that
it looks "off."

It works well. Sure if someone "moved" your car, you'd only know where it
is every 30 minutes, but if I am going to be somewhere I am not usually at
(like a parking garage in downtown Chicago), I will just remove the
headpiece all together.

Congrats on the toy. Hope to see you on!

73,

Jon
KE9NA

on 2/10/00 11:30, Robbie Robertson at mwrobertson@mediaone.net wrote:

> Hi guys,

>
> I too now am the proud owner.. I even have it mounted in the
> car, and tracked myself somewhat around the neighborhood...
>
> The question: Obviously you must leave the unit and the gps
> running if you want to keep an eye on the car, but not at
> the roving beacon rate of a couple minutes or three.. I
> understand how to control or turn off the gps, but how have
> you other owners set up the beacons? I don't see mention of
> the phrase "CLEAR", but also I am a little slow in catching
> on to the PM modes as far as changing the beacon rates.. If
> the car was to be moved by a stranger, it would still be
> beaconing the "parked" or last location!
>
> While learning, I am as always, open to thoughts and
> suggestions!!

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] FS: Palm III

From: "Bob Derderian" <BobD@virtualconst.com>
Date: Thu, 10 Feb 2000 14:38:7
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65358-2000.02.10-14.35.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For anyone looking for a Palm III to use for portable APRS let me know. I
don't get to use mine enough to justify keeping it.

I've upgraded it to the latest version OS, 3.3. I have the CD which came
with the unit plus an additional CD full of bonus shareware/freeware, most
of which you can find on the 'net. I also have a HotSync cable as well as
the docking cradle.

Asking $150 + shipping.

email me at n2iph@qsl.net
or call 914-734-5716 7am-7pm M-F.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] Re: Kenwood's TH-D7 Software missing?

From: Walter Dunckel <walter@radiohound.com>
Date: Thu, 10 Feb 2000 21:02:53 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-65424-2000.02.10-22.57.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Considering that Kenwood still has the software for the TS570 available (from
1996) on their ftp site, I think the missing software was just an oversight. In
fact, I thought the newer version of mcp-d7 was on the ftp site before the
disapearance. It has been very helpfull to me that Kenwood supplies this type of
information over the internet. I can say that it had a great deal to do with my
descision to purchase a Kenwood product. When I make a purchase like that, I
want to know more about the product than a one page add on the back of CQ
magazine. I just about read the manual from cover to cover before I purchased
the radio.

Walter
http://www.radiohound.com

Clifford Uyeda wrote:

> The TH-D7A software (MCP-D7A) was a beta version. With most beta versions
> a final release version usually follows. The final release version is the
> PG-4W kit (CD + cable). Now that the PG-4W is out now, Kenwood pulled the
> beta (courtesy) version off the FTP site. To my knowledge, I think Kenwood
> is the only manufacturer that provides an FTP site for manuals, software
> and other misc. help files.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] Re: Kenwood's TH-D7 Software missing?

From: "Burnaby Radio Communications Ltd." <ve7cbt@home.com>
Date: Thu, 10 Feb 2000 22:25:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65453-2000.02.11-00.22.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you take a look in the TAPR aprs, or htaprs, sig archives of about a year
ago, Kenwood announced that the software was going to be on the site for a
limited time only. (Or something to that effect) You had your time, and a
year is awfully gracious, especially since the final version has been out
some time now, not to mention you get it and the cable free with the radio
now!!! If you can't find where Kenwood mentions the fact that the software
would not be on the site forever, I'll look for it and quote it to the list
again. But I shouldn't have to, I can remember it like it was yesterday,
then again, I got a good long term memory, can't say much for the short term
though.

Don Boekenkruger, VE7CBT

----- Original Message -----
From: "Walter Dunckel" <walter@radiohound.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, February 10, 2000 9:02 PM
Subject: [htaprs] Re: Kenwood's TH-D7 Software missing?

> Considering that Kenwood still has the software for the TS570 available
(from
> 1996) on their ftp site, I think the missing software was just an
oversight. In
> fact, I thought the newer version of mcp-d7 was on the ftp site before the
> disapearance. It has been very helpfull to me that Kenwood supplies this
type of
> information over the internet. I can say that it had a great deal to do
with my
> descision to purchase a Kenwood product. When I make a purchase like that,
I
> want to know more about the product than a one page add on the back of CQ
> magazine. I just about read the manual from cover to cover before I
purchased
> the radio.
>
> Walter
> http://www.radiohound.com
>
> Clifford Uyeda wrote:
>
> > The TH-D7A software (MCP-D7A) was a beta version. With most beta
versions
> > a final release version usually follows. The final release version is
the
> > PG-4W kit (CD + cable). Now that the PG-4W is out now, Kenwood pulled
the
> > beta (courtesy) version off the FTP site. To my knowledge, I think
Kenwood
> > is the only manufacturer that provides an FTP site for manuals, software
> > and other misc. help files.
>
>
> ---
> You are currently subscribed to htaprs as: DONB@DIRECT.CA
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Re: HTX-202

From: "Longley" <longley@attcanada.net>
Date: Fri, 11 Feb 2000 07:21:41 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65466-2000.02.11-01.32.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Something that should be passed on to HTX-202 users. That radio has a built in TIMEOUT TIMER. From my memory it is in the mset and is item T0 . The nuber is the nuber of seconds the radio will allow a constant PTT before stopping the transmition. I have this feature turned on on all of my HTX radios and also my Kenwood TM-V7A. The only thing that surprised me about the feature was that the default setting for all the radios was disabled. I would have thought that a radio with thecfeature would at least had it enabled for the longest time period.

Regards James VE7JMS

Harry Burford wrote on 00-2-2 20:53:

We had a local here with a shorted TNC cable and was key down for over 8 continuous hours at full power with a 202 on a base station antenna and power supply. Testament to the durability of the 202 that is still reported to still be in packet service. Wonderful practice exercise with the DF equipment, too.

Harry; KAØTTY

----- Original Message -----
From: "Adrian Brookes" <adrianbrookes@hotmail.com> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org> Sent: Monday, January 31, 2000 9:24 PM
Subject: [htaprs] HTX-202

I opened the newly acquired 202 today as a result of noticing that the mic and speaker are plug and socketed onto a pc board inside.

What I found is what appears to be enough room to fit a MIM module and wire it directly to the 202 inside, and possible route the GPS cable (GPS135) through the unused speaker jack.

Radio looks well built, well heat sunk on the TX side.

Cheers, Adrian

Where am I??
while driving: http://map.aprs.net/ve3rhk-9 while sailing: http://map.aprs.net/ve3rhk-5 while flying: http://map.aprs.net/ve3rhk-7 (experimental system - not always functioning)

_____ Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET To unsubscribe send a blank email to leave-htaprs-3695R@lists.tapr.org

---
You are currently subscribed to htaprs as: LONGLEY@ATTCANADA.NET To unsubscribe send a blank email to leave-htaprs-3695R@lists.tapr.org

Regards James
ve7jms@rac.caÿÿØ¢æ«yË«-éí□+.nÇ+□·□¶□mj□ìjÏåÊ¸¬þZ¦»ÿµªkþ□àN□§²æìr¸□zÇ§u¦åjy□¨¥¶□^j÷ÿ□Ö©®Ïüã□ÿ□+-³ûZ¦¿è

145. [htaprs] Re: TH-D7A and 9600 baud

From: John W Wilson <z004391b@bc.seflin.org>
Date: Fri, 11 Feb 2000 07:30:43 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-65472-2000.02.11-06.28.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I used to work the 9600 satellites we left the receiver on the
receive frequency and the transmitter on another band and didn't have a
problem switching from RX to TX and back because it worked full duplex.
When I switched to terrestrial 9600 I didn't have that luxury so I had to
make sure that the TXDELAY on both stations was long enough (> 300 MS)
to ensure that the rig could switch back to receive in time.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 6 Feb 2000, Jon Ogden wrote:

> Hi all,
>
> I've had people tell me this, but now I have verified it.
>
> The TH-D7A does not really work that well for 9600 baud. The reason is that
> it takes the radio too long to switch between TX and RX. So the station you
> connect to has already sent its data or acknowledgement back by the time the
> HT gets into receive.
>
> A local packet expert told me this, but I didn't necessarily believe him
> until I tried it. He was right. Connecting to a local packet node 2 blocks
> away is interminably slow as the HT doesn't hear all the packets from the
> node as it takes too long to switch from TX to RX.
>
> >From what I understand digipeating through another station can alleviate it
> since the digipeater doesn't send acks back but the final station you
> connect to does. So by the time you get back to the RX frequency the digi
> has done its thing.
>
> I am curious if the TM-D700A is any better.
>
> I am also curious on other people's 9600 baud experiences.
>
> 73,
>
> Jon
> KE9NA
>
> -------------------------------------
> Jon Ogden
> KE9NA
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: HTX-202

From: "Harry Burford" <hburford@airmail.net>
Date: Fri, 11 Feb 2000 07:50:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65480-2000.02.11-07.48.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Excellent information, thanks!

There are many 202's in operation here. They are often available at
dramatic low prices from the RShack outlet stores in the DFW area and at
HamCom. No one knew about the timeout timer. An obvious case of RTFM.

hb

----- Original Message -----
From: "Longley" <longley@attcanada.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, February 11, 2000 1:21 AM
Subject: [htaprs] Re: HTX-202

Something that should be passed on to HTX-202 users. That radio has a built in TIMEOUT TIMER. From my memory it is in the mset and is item T0 . The nuber is the nuber of seconds the radio will allow a constant PTT before stopping the transmition. I have this feature turned on on all of my HTX radios and also my Kenwood TM-V7A. The only thing that surprised me about the feature was that the default setting for all the radios was disabled. I would have thought that a radio with thecfeature would at least had it enabled for the longest time period.

Regards James VE7JMS

Harry Burford wrote on 00-2-2 20:53:

We had a local here with a shorted TNC cable and was key down for over 8 continuous hours at full power with a 202 on a base station antenna and power supply. Testament to the durability of the 202 that is still reported to still be in packet service. Wonderful practice exercise with the DF equipment, too.

Harry; KAØTTY

<snip>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] Re: TMD700A manuals now at kenwood.net

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 11 Feb 2000 10:10:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-65489-2000.02.11-09.01.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cliff -

I would be happy to scan the manual, if you'll send me a copy of the paper manual. I don't own a D700, but generate technical documentation all the time.

The real question though, is why Kenwood's documentation department doesn't produce the PDF from the electronic source? Anybody with Adobe Acrobat can print to a PostScript file using the standard Windows PostScript printer driver, and then distill the file into a PDF document. Acrobat also installs menu options in popular publishing software to create the PDF directly.

This results in a much smaller PDF file. Graphic image quality is generally far better, with images stored as vector data (which is infinitely scalable). And text is stored as text, rather than the whole page being treated as a graphic image, which allows searching through the document for text matches and creating linked indexes.

73

--
Edward A. Behl - KG4ALG   E-mail: ed@eabehl.com
E A BEHL Technologies   Telephone: 727.789.3550
2663 Red Oak Court   Fax: 727.787.9414
Clearwater FL USA 33761-2319   Toll-free: 877-432-2345 (877-4EA-BEHL)
                                WWW: http://www.eabehl.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] TMD700A manuals no longer at kenwood.net

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Fri, 11 Feb 2000 12:34:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65515-2000.02.11-11.33.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think it would be a help to be more specific as to the complaints. The
main Instruction manual TMD700A.pdf was produced mostly correct. Only a few
graphics on page 84(90) in the "Optional Accessories" were a little fuzzy.
Perfectly fine though for the purpose. Otherwise it prints out perfect on a
HP LaserJet 4000N.

The flawed PDF file was the "Specialized Communications" supplement
TMD700A_SP_Comm.pdf. I'm not a PDF expert, but all the diagrams are showing
up as embedded graphics in the SP Comm. They don't show up as graphics in
the working TMD700A.PDF manual, rather they appear to be some sort of native
vector graphic. I imagine both manuals were done the same way, so possibly a
setting was in mistakenly changed when the SP_Comm manual was distilled to
PDF.

Kenwood has apparently pulled both manuals from the web site. If you did not
already get them they're gone. Maybe they could put the TMD700A.pdf back. I
have already placed the PDF back in a Pagemaker documnet and printed a
duplicate reduced size manual for my glove box.

Dennis, N2LBT

> From: Kenwood <cuyeda@ix.netcom.com>
> Date: Thu, 10 Feb 2000 09:48:49 -0800
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Subject: [htaprs] Re: TMD700A manuals now at kenwood.net
>
> Kenwood agrees with your comments and looking into getting a clearer copy
> for the FTP site. Thanks for your comments. It takes just the right scan
> resolution to get the line diagrams and text to be clean. There is always
> a balance of file size vs. clean copy that has to be
> considered. Evidently, Kenwood rushed to make this copy available to the
> public. As soon as a better .pdf file is available we will repost it. Any
> volunteers? :-)
>
> Note: Kenwood the only manufacturer that provides this service as a
> courtesy to our valued customers and customers to be!
>
> Go! Kenwood!
>
> At 09:47 PM 02/09/2000 -0600, Jim Gill wrote:
>> Is anyone else having trouble reading the "screen shots" of the radio
>> displays in the manual? On my computer the display shots are largely
>> unreadable at any resolution or zoom range... they are garbled and
>> distorted, not unlike what a *highly* compressed JPG will do to line
>> drawings. The actual text in the manual pages and any of their line drawings
>> or diagram graphics are fine.
>>
>> Jim Gill
>> N0RMO
>> Omaha, NE
>>
>> ----- Original Message -----
>> From: "Erich Berman" <erich@berman.org>
>>> For those of you who are interested, the .PDF version of the TM-D700A
>>> manuals have been posted at:
>>> http://216.98.255.24/Amateur/Instruction%20Manuals/
>>> I haven't looked them over yet so consider the standard precautions.
>>> N9RTM
>>
>>
>>
>> ---
>> You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> Cliff -
>
> I would be happy to scan the manual, if you'll send me a copy of the
> paper manual. I don't own a D700, but generate technical documentation
> all the time.
>
> The real question though, is why Kenwood's documentation department
> doesn't produce the PDF from the electronic source? Anybody with Adobe

> Acrobat can print to a PostScript file using the standard Windows
> PostScript printer driver, and then distill the file into a PDF
> document. Acrobat also installs menu options in popular publishing
> software to create the PDF directly.
>
> This results in a much smaller PDF file. Graphic image quality is
> generally far better, with images stored as vector data (which is
> infinitely scalable). And text is stored as text, rather than the whole
> page being treated as a graphic image, which allows searching through
> the document for text matches and creating linked indexes.
>
> 73
>
> --
> Edward A. Behl - KG4ALG   E-mail: ed@eabehl.com
> E A BEHL Technologies   Telephone: 727.789.3550
> 2663 Red Oak Court   Fax: 727.787.9414
> Clearwater FL USA 33761-2319   Toll-free: 877-432-2345 (877-4EA-BEHL)
> WWW: http://www.eabehl.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: HTX-202

From: "Michael Jones" <mjones@hughes.net>
Date: Fri, 11 Feb 2000 11:12:40 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65524-2000.02.11-12.20.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I haven't yet looked to see what the max voltage power specification of the
202 is, but I accidentally ran mine at 24 volts last night for about 20
minutes. There doesn't appear to have been any damage. A very hearty radio.

Mike

----- Original Message -----
From: "Longley" <longley@attcanada.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, February 10, 2000 11:21 PM
Subject: [htaprs] Re: HTX-202

> Something that should be passed on to HTX-202 users. That radio has a
built in TIMEOUT TIMER. From my memory it is in the mset and is item T0 .
The nuber is the nuber of seconds the radio will allow a constant PTT before
stopping the transmition. I have this feature turned on on all of my HTX
radios and also my Kenwood TM-V7A. The only thing that surprised me about
the feature was that the default setting for all the radios was disabled. I
would have thought that a radio with thecfeature would at least had it
enabled for the longest time period.
>
> Regards James VE7JMS
>
> Harry Burford wrote on 00-2-2 20:53:
>
> We had a local here with a shorted TNC cable and was key down for over 8
continuous hours at full power with a 202 on a base station antenna and
power supply. Testament to the durability of the 202 that is still reported
to still be in packet service. Wonderful practice exercise with the DF
equipment, too.
>
> Harry; KAØTTY
>
>
> ----- Original Message -----
> From: "Adrian Brookes" <adrianbrookes@hotmail.com> To: "TAPR Hot
Technology APRS" <htaprs@lists.tapr.org> Sent: Monday, January 31, 2000 9:24
PM
> Subject: [htaprs] HTX-202
>
>
>
> I opened the newly acquired 202 today as a result of noticing that the mic
and speaker are plug and socketed onto a pc board inside.
>
> What I found is what appears to be enough room to fit a MIM module and

wire it directly to the 202 inside, and possible route the GPS cable
(GPS135) through the unused speaker jack.
>
> Radio looks well built, well heat sunk on the TX side.
>
>
>
> Cheers, Adrian
>
> Where am I??
> while driving: http://map.aprs.net/ve3rhk-9 while sailing:
http://map.aprs.net/ve3rhk-5 while flying: http://map.aprs.net/ve3rhk-7
(experimental system - not always functioning)
>
> _____ Get Your Private,
Free Email at http://www.hotmail.com
>
>
> ---
> You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET To
unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
>
> ---
> You are currently subscribed to htaprs as: LONGLEY@ATTCANADA.NET To
unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> Regards James
> ve7jms@rac.cab<-ç®·¶\¹»®&vÚµª±«□«?ª-wN<²ær¸zÇu¦jyT¨¶?j÷µª³]óESËµª

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] TH D7 & Visual Basic ???

From: "Fanis Roussas" <sv1bgm@hol.gr>
Date: Fri, 11 Feb 2000 13:48:27
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65530-2000.02.11-13.46.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all. I wonder if anyone can help me with this.
I'm trying to write a simple program in Visual Basic
to make auto QSY on the D7 at specific time intervals.
Does anyone knows the "commands" that D7 accepts
from the PC serial port?
And if anyone can give me an example (just one line)
how i can send data via serial port using VB to D7 ?
Sorry for the questions but i've searched many books
and nothing about this......

Best 73s...... Fanis ....SV1BGM.........

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Satellite Tracking to Alaska (day 1)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 11 Feb 2000 15:06:14 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: steve willey <willey@cac.washington.edu>,
        Robert Bruninga <bruninga@arctic.usna.edu>, amsat-bb@AMSAT.Org,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-65533-2000.02.11-14.05.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The ALASKA Road Rallye is underway. Nothing heard so far via AO27,
but there is one more LOW pass for stations in Washington state and in
Anchorage... at 2040 UTC..

> Steve Willey, KD7GXO and Eric Horst, KA7OBN requested APRS assistance in
> tracking their vehicle starting Friday from Seattle to north of the Arctic
> circle, Prudoe Bay while participating in the ALCAN2000 Alaska Rally from
> 11 to 19 Feb. <snip>
>

> ... listen for them (and/or their packets) during the daytime AO27
> passes from the 11th to the 19th. Particularly, the Western passes.
> <snip>
>
> The downlink of AO27 starts on 436.805 at the beginning of the pass and
> moves down to 436.785 by the end. A BEAM is required. These will be
> standard 1200 baud AX.25 FM packets. We hope this test will give us
> useful data on the viability of wilderness communications via amateur
> satellite. To learn more, see:
>
>   http://web.usna.navy.mil/~bruninga/astars.html
>
> Here are some estimated pass times for the first 5 days:
>
> DATE PST UTC Comments
> ---- ---- ---- --------
> 11th 0930 1730
>   1105 1905 Best (further from the USA)
>   1240 2040

> 12th 1045 1845
>   1220 2020 Best (Further from the USA)
>
> 13th 1015 1815
>   1155 1955 Best (Further from teh USA)
>
> 14th 0950 1750
>   1125 1925 Best Seattle users beam NW
>
> 15th 1058 1858 Best (half way between Fairbanks and Seattle)
>   1235 2035   Seattle users beam NW
>
> The western passes of the two are generally better, since they will have
> fewer USA stations on the bird at the same time. Towards the 15th, then I
> selected passes over alaska and so Seattle users should just park their
> beams toward the NW and only concentrate on listening to those western
> passes...
>
> de WB4APR, Bob
>
>
>
>
>
> ----
> Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Tiny track

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Sat, 12 Feb 2000 07:08:04 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65560-2000.02.11-15.06.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all I make up a Tiny-Tracker with a Garmin GPS-35PC but not going
works ok with a GPS-12 (Garmin) is there anyone with the same setup
Tinytrack + GPS-35PC is yes please email to me surf@winshop.com.au 73
de Art

--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go
location   : Surfers-Paradise

Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] Re: TH D7 & Visual Basic ???

From: Jim Gill <jimgill@yahoo.com>
Date: Fri, 11 Feb 2000 13:06:36 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65562-2000.02.11-15.21.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Fanis,

See my web site as a start (for TMD700 general information)...
http://www.netcom.com/~jimgill/tmd700a.htm

Darryl vk2tds has a specific THD7 page at
http://www.ozemail.com.au/~vk2tds/d7.htm

Jim Gill N0RMO
Omaha, NE USA

--- Fanis Roussas <sv1bgm@hol.gr> wrote:
> Does anyone knows the "commands" that D7 accepts
> from the PC serial port?
> Best 73s...... Fanis ....SV1BGM.........
_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] APRStk radio tuning.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 11 Feb 2000 22:48:46 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65583-2000.02.11-21.47.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is anyone else having problems with APRStk not tuning their THD7?
I have two reports, one from NJ and one from South Africa that it "dont
work". I have other reports that it works fine.

Other than making sure the TNC is in packet mode and Band B is enabled for
data. I dont now what else to suggest... Anyone else having problems?

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] Re: TH D7 & Visual Basic ???

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sat, 12 Feb 2000 10:27:19 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65641-2000.02.12-12.23.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have source code for a program that controls the TH-D7 available at:
http://www.radiohound.com/d7zpinfo.htm
It was done with VB5.0 - It may help you.

Walter

----- Original Message -----
From: "Fanis Roussas" <sv1bgm@hol.gr>

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, February 11, 2000 1:48 PM
Subject: [htaprs] TH D7 & Visual Basic ???

> Hi all. I wonder if anyone can help me with this.
> I'm trying to write a simple program in Visual Basic
> to make auto QSY on the D7 at specific time intervals.
> Does anyone knows the "commands" that D7 accepts
> from the PC serial port?
> And if anyone can give me an example (just one line)
> how i can send data via serial port using VB to D7 ?
> Sorry for the questions but i've searched many books
> and nothing about this......
>
> Best 73s...... Fanis .....SV1BGM.....

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] D700 with APRS+

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Sat, 12 Feb 2000 15:38:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65654-2000.02.12-14.38.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've got a D700 installed in my car and occassionally I would like
to run APRS+ on it. The rub is that my laptop has only one serial port
so Ican't run the gps into the laptop and then out to the D700.

    Since the D700 already has a jack for the output from my GPS I was
hoping that that jack was connected to the serial port on the D700 in
such a way that I could use the d700 to route the NMEA sentences to my
PC and get by with only one port. Does anyone know if this is possible?
How do I get APRS+ to look to the same port for both TNC and GPS data?

73s George W3GP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] D700 problem

From: Jim Neely <jmneely@attglobal.net>
Date: Sat, 12 Feb 2000 20:45:49 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65674-2000.02.12-20.43.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a new D700 and have run into a packet problem.

I have a computer hooked up and can talk to the TNC. I am apparently
transmitting, but I haven't received a packet. I hear them, but don't
decode them. I tried to connect to myself through a digi and hear the digi
trying to connect, but time out.

The receive error count is high. I see the TNC response to commands, but
no received packets.

Yes, I'm in TNC mode. Any suggestions would be appreciated.

Thanks & 73...jn

Jim Neely
  jmneely@attglobal.net   WA5LHS@TAPR.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] th d7 dual band

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 13 Feb 2000 09:44:41 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65770-2000.02.13-11.41.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

thanks for the post about being able to xmit aprs on 144.39 then still being
able to rx and tx on another two meter repeater at the same time. i had no
idea my rig would do that.

i fired it up and did the keystrokes and it works great.

fyi if you are in the las vegas area shuttle audio is on 146.730
www.lvrac.org for info

73
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] Re: [aprsplus] D700 with APRS+

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Sun, 13 Feb 2000 09:43:18 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65771-2000.02.13-11.41.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Run the latest beta of APRS+SA, v1.99XU (XV to be posted either today or
tomorrow hopefully). Set the TNC file to INITTHD7.TNC, use the same for the
D7 or D700. Set the TNC port, Port 1, to "Mode 7". APRS+SA will now
receive GPS data from the TNC.

Brent

INITTHD7.TNC
* TNC Init file for KENWOOD TH-D7
AWlen 8
BBSMsgs ON
B E 0
LOC E 0
Echo off
FLow off
AUTOLF off
MCOM off
MON ON
MRPt on
PACLen 128
HBAUD 1200
* delete following lines if without GPS
GBAUD 4800
GPSTEXT $GPRMC
LTMH OFF
LTM 10

>   I've got a D700 installed in my car and occassionally I would like
> to run APRS+ on it. The rub is that my laptop has only one serial port
> so Ican't run the gps into the laptop and then out to the D700.
>
>   Since the D700 already has a jack for the output from my GPS I was
> hoping that that jack was connected to the serial port on the D700 in
> such a way that I could use the d700 to route the NMEA sentences to my
> PC and get by with only one port. Does anyone know if this is possible?
> How do I get APRS+ to look to the same port for both TNC and GPS data?
>
> 73s George W3GP
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] TH-D7E APRS queries

From: G7GUO@aol.com
Date: Sun, 13 Feb 2000 14:57:33 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65779-2000.02.13-13.55.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is the TH-D7E supposed to respond to APRS queries? Mine does not seem to. It stores ?APRSP and ?APRSS as normal messages without sending the relavent response of position beacon or status. The messages are given a status of M whatever that is? I can not find any refference to this in the manual. Maybe the TH-D7E does not have the full APRS implimentation that PC systems have? I don't know.

73, Simon.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] Re: D700 with APRS+

From: dpfister <dpfister@kc.net>
Date: Sun, 13 Feb 2000 14:40:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65783-2000.02.13-14.37.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: D700 with APRS+
> From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
> Date: Sat, 12 Feb 2000 15:38:32 -0500
> X-Message-Number: 2
>
>   I've got a D700 installed in my car and occassionally I would like
> to run APRS+ on it. The rub is that my laptop has only one serial port
> so Ican't run the gps into the laptop and then out to the D700.
>
>   Since the D700 already has a jack for the output from my GPS I was
> hoping that that jack was connected to the serial port on the D700 in
> such a way that I could use the d700 to route the NMEA sentences to my
> PC and get by with only one port. Does anyone know if this is possible?
> How do I get APRS+ to look to the same port for both TNC and GPS data?
>
> 73s George W3GP
>
> --

George, I think you just check mark the Dual Port TNC under
Setup.

Don

--

[Signature File]
Name=Don Pfister KA0JLF
HABITAT SkyLab
(High Altitude Basic Investigation Testing And Tracking)
Email=dpfister@kc.net or donp@netlab.org
http://www.netlab.org/habitat
http://www.kc.net/~dpfister
http://www.netlab.org/~donp
http://www.netlab.org:8888/ Visit the Lab in the Hobby wing.
HABITAT being built...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] Re: D700 with APRS+

From: Jim Baremore <k5qq@juno.com>
Date: Sun, 13 Feb 2000 15:43:02 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-65796-2000.02.13-16.46.28--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

No, the 'dual port' is for TNC's like the KAM etc that can receive data
on two different ports. In the case of the KAM this is HF and VHF.

Brent commented on the correct info for a Kenwood in an earlier post: Use
the "Mode7" mode on the Port 1 setup on the Main Parameters tab of the
setup menu. The GPS data is fed to the Kenwood and it outputs the GPS
data to the TNC at intervals as set in the InitTHd7.tnc file. That tnc
file must also be selected as the TNC configuration file on the setup
page.

Note that if you were using a dual port KAM as the tnc, you would select
the KAM.tnc setup file, check the dual port option and use 'Pico' as the
Mode. The Mode7 is for the Kenwood products.

Hope this helps.

Jim Baremore K5QQ

On Sun, 13 Feb 2000 14:40:43 -0600 dpfister <dpfister@kc.net> writes:
>
> > Subject: D700 with APRS+
> > From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
> > Date: Sat, 12 Feb 2000 15:38:32 -0500
> > X-Message-Number: 2
> >
> >   I've got a D700 installed in my car and occassionally I would
> like to run APRS+ on it. The rub is that my laptop has only one serial
> port so Ican't run the gps into the laptop and then out to the D700.
> > 73s George W3GP
---------------------->
> George, I think you just check mark the Dual Port TNC under
> Setup.
>
> Don
>

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] Re: TH-D7A and 9600 baud

From: Jon Ogden <jono@enteract.com>
Date: Sun, 13 Feb 2000 22:16:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65849-2000.02.13-22.13.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/11/00 6:30 AM, John W Wilson at z004391b@bc.seflin.org wrote:

> When I used to work the 9600 satellites we left the receiver on the
> receive frequency and the transmitter on another band and didn't have a
> problem switching from RX to TX and back because it worked full duplex.
> When I switched to terrestrial 9600 I didn't have that luxury so I had to
> make sure that the TXDELAY on both stations was long enough (> 300 MS)
> to ensure that the rig could switch back to receive in time.

How did you work 9600 baud birds with the TH-D7A??? Did you have two
radios?

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] Re: HTX-202

From: "Longley" <longley@attcanada.net>
Date: Mon, 14 Feb 2000 04:44:00 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65852-2000.02.13-22.55.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would suggest not repeating this. I looked at the schematic of the radio when I noticed that its output power was showing close to 7.5 Watts. The PA is powered direct of the D.C. jack no volted or even polarity protection. I have run one of mine for some time on 15 Volts with no problems. Just more output power.As I recall that is the manuals suggestted max Voltage. I would be concerned about running a high duty cycle transmit like this as the radio my not have good enough heat sinking.

James

Michael Jones wrote on 00-2-11 10:10:

I haven't yet looked to see what the max voltage power specification of the 202 is, but I accidentally ran mine at 24 volts last night for about 20 minutes. There doesn't appear to have been any damage. A very hearty radio.

Mike

----- Original Message -----
From: "Longley" <longley@attcanada.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org> Sent: Thursday, February 10, 2000 11:21 PM
Subject: [htaprs] Re: HTX-202

> Something that should be passed on to HTX-202 users. That radio has a built in TIMEOUT TIMER. From my memory it is in the mset and is item T0 . The nuber is the nuber of seconds the radio will allow a constant PTT before stopping the transmition. I have this feature turned on on all of my HTX radios and also my Kenwood TM-V7A. The only thing that surprised me about the feature was that the default setting for all the radios was disabled. I would have thought that a radio with thecfeature would at least had it enabled for the longest time period.
>
> Regards James VE7JMS
>
> Harry Burford wrote on 00-2-2 20:53:
>
> We had a local here with a shorted TNC cable and was key down for over 8 continuous hours at full power with a 202 on a base station antenna and power supply. Testament to the durability of the 202 that is still reported to still be in packet service. Wonderful practice exercise with the DF equipment, too.
>
> Harry; KAØTTY
>
>
> ----- Original Message -----
> From: "Adrian Brookes" <adrianbrookes@hotmail.com> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org> Sent: Monday, January 31, 2000 9:24 PM
> Subject: [htaprs] HTX-202
>
>
>
> I opened the newly acquired 202 today as a result of noticing that the mic and speaker are plug and socketed onto a pc board inside.
>
> What I found is what appears to be enough room to fit a MIM module and wire it directly to the 202 inside, and possible route the GPS cable (GPS135) through the unused speaker jack.
>
> Radio looks well built, well heat sunk on the TX side.
>
>
>
> Cheers, Adrian
>
> Where am I??
> while driving: http://map.aprs.net/ve3rhk-9 while sailing: http://map.aprs.net/ve3rhk-5 while flying: http://map.aprs.net/ve3rhk-7 (experimental system - not always functioning)
>
> _____ Get Your Private, Free Email at http://www.hotmail.com
>

>
> ---
> You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET To unsubscribe send a blank email to
leave-htaprs-3695R@lists.tapr.org
>
>
>
>
> ---
> You are currently subscribed to htaprs as: LONGLEY@ATTCANADA.NET To unsubscribe send a blank email to
leave-htaprs-3695R@lists.tapr.org
>
> Regards James
> ve7jms@rac.cab<-ç®·¶\¹»®&vÚµª±«□«?ª-wN<²ær¸zÇu¦jyT¨¶?j÷µª³]óESËµª

You are currently subscribed to htaprs as: LONGLEY@ATTCANADA.NET To unsubscribe send a blank email to
leave-htaprs-3695R@lists.tapr.org

Regards James
ve7jms@rac.caÿÿØ¢æ«yË«-éí□+.nÇ+□·□¶□mj□ìjÏåÊ¸¬þZ¦»ÿµªkþ□àN□§²æìr¸□zÇ§u¦åjy□¨¥¶□^j÷ÿ□Ö©®Ïüã□ÿ□+-³ûZ¦¿è

165. [htaprs] Question about 700

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Sun, 13 Feb 2000 22:23:26 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65857-2000.02.13-23.30.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does the 700 have the same setup as the D7A? That you can plug in the GPS
and the Computer to the rig or is it different? Any info can be mailed to
me directly to avoid clutter on the list.

Thanks

Peter Anderson N0WRE
Phone: (970) 392-9153
Fax: (240) 220-7311
Pager: (970) 350-3434
Cell: (970) 391-1330
Pager e-mail: p9703503434@page.metrocall.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] Re: D700 problem

From: Jon Ogden <jono@enteract.com>
Date: Mon, 14 Feb 2000 06:51:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65909-2000.02.14-06.48.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/12/00 8:45 PM, Jim Neely at jmneely@attglobal.net wrote:

> I have a new D700 and have run into a packet problem.
>
> I have a computer hooked up and can talk to the TNC. I am apparently
> transmitting, but I haven't received a packet. I hear them, but don't
> decode them. I tried to connect to myself through a digi and hear the digi
> trying to connect, but time out.
>
> The receive error count is high. I see the TNC response to commands, but
> no received packets.
>
> Yes, I'm in TNC mode. Any suggestions would be appreciated.

How strong are the signals you are receiving? If they don't light up the
S-meter to full scale, you'll likely not decode them. The TNC's inside the
Kenwood radios are poopy when it comes to decoding weak packets. I have no
idea why as my KPC-3+ will decode packets that barely break the squelch.

Don't know if this helps or not.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] Re: D700 problem

From: AC6JA@aol.com
Date: Mon, 14 Feb 2000 08:22:42 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65911-2000.02.14-07.21.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i don't know why kenwood didn't include true DCD in their th-d7a and tm-d700a?
always find adjusting the squelch whereas before using a kpc-3 i could just
leave it wide open!

mike ac6ja

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] D700 no audio transmit problem

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 14 Feb 2000 09:04:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Naab, John W" <jnaab@indiana.edu>
Message-ID: <LYR845-65914-2000.02.14-08.03.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I hate to report that I have discovered a problem with my D700.

  Here is the failure mode:

   The APRS beacon is transmitting on the "B" radio. At the same time I key
the Mic to talk on the "A" radio, At this point all is well the packet data
goes out the "B" radio just fine. When it is finished transmitting the "A"
transmitter keys up (I still have the Mic key down) and I am talking into
the Mic. Users on the repeater tell me that all they heard was a dead
carrier. I have to wait until the transmitter is done on the "B" side then
key the "A" side to be heard. When you are driving it is not possible to
look at the radio to see if the "B" transmitter is active so many time I
transmit dead air.

  Any one else see this problem .

    Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] RE: D700 no audio transmit problem

From: Richard Carter <rcarter@isi.com>
Date: Mon, 14 Feb 2000 09:53:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Naab, John W" <jnaab@indiana.edu>
Message-ID: <LYR845-65917-2000.02.14-08.53.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No, I have not seen a similar problem. I've been using the D700 for about a month now. I use channel-A as the data port, and frequent a phone repeater on channel-B. I have heard no complaints.

I have noticed that the radio appears to receive a lot of interference as compared to my old Radio Shack handled that it replaced. It either appears to have too wide an IF channel, poor selectivity, or some other problem. Perhaps it is just more sensitive than my old handheld, but I don't think this is the problem. I have an early model. My serial number has a lot of zeros with a 6 on the end. Anyone else have a similar experience.

I had some problems deciphering my owners manual. I sent several questions to Kenwood, and they never responded. I'll think twice before ordering another of their products. I'm hoping that Kenwood updated the manual and added more information about APRs operation, but I'll have to wait to see what they post.

Rich Carter - KE1EV

-----Original Message-----
From: Hazen, Dwight L [SMTP:hazen@indiana.edu]
Sent: Monday, February 14, 2000 9:04 AM
To: TAPR Hot Technology APRS
Cc: Naab, John W
Subject: [htaprs] D700 no audio transmit problem

I hate to report that I have discovered a problem with my D700.

Here is the failure mode:

The APRS beacon is transmitting on the "B" radio. At the same time I key the Mic to talk on the "A" radio, At this point all is well the packet data goes out the "B" radio just fine. When it is finished transmitting the "A" transmitter keys up (I still have the Mic key down) and I am talking into the Mic. Users on the repeater tell me that all they heard was a dead carrier. I have to wait until the transmitter is done on the "B" side then key the "A" side to be heard. When you are driving it is not possible to look at the radio to see if the "B" transmitter is active so many time I transmit dead air.

Any one else see this problem .

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] pocket aprs help..

From: "jeff" <jeff@k8sn.org>
Date: Mon, 14 Feb 2000 16:55:41 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-65991-2000.02.14-15.48.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am making a cable to go to my palm pilot to the TNC unfortuneatly the
modem cable is no longer made :(so i am using the hot sync cable.   Is
anyone else doing this? I am not sure if I wired it correctly or not.
Does anyone have decently detailed instructions on how to wire it and what
the correct pin outs should be? (and maybe the colors of the wire... Also
how should I be looking at the plug that goes into the palm pilot.. ?

thanx

Jeff Kc8ffv

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Re: pocket aprs help..

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Mon, 14 Feb 2000 17:13:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66001-2000.02.14-16.11.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff, this is well documented on the PocketAPRS page. You can however, if
you are in a rush, use a 9 pin null modem adapter. It can be found
everywhere, including Radio Shack.(I have been using a null modem adapter,
and have been for months. This allows me to continue to use the hot sync
cable as a hot sync cable for my second computer at home.)

http://www.pocketaprs.com/wiring.html

good luck

Dennis, N2LBT

> I am making a cable to go to my palm pilot to the TNC unfortuneatly the
> modem cable is no longer made :(so i am using the hot sync cable.   Is
> anyone else doing this? I am not sure if I wired it correctly or not.
> Does anyone have decently detailed instructions on how to wire it and what
> the correct pin outs should be? (and maybe the colors of the wire... Also
> how should I be looking at the plug that goes into the palm pilot.. ?
>
>
>
> thanx
>
> Jeff Kc8ffv
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] Home stations not running "RELAY" alias????

From: "Jeffrey Thomas" <kd4evb@hotmail.com>
Date: Mon, 14 Feb 2000 15:14:25 PST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66015-2000.02.14-17.12.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy all,

I've been noticing that the bulk of the home stations (at least in the
Cincinnati area) are not setup for a MYALAIS of RELAY. Maybe it's just me
or something I'm doing, but I don't think so.

I got to checking and noticed that my own WinAPRS setup doesn't set the
MYALIAS to RELAY unless I explicity tell it to do so. The documentation
that I've looked at so far gives the impression that the RELAY alias is
always set by default via the software, but it's not.

Digi coverage in my neck of the woods is okay for bases, but really spotty
for mobiles and D7 HT's. The situation is getting better, but we still have
a lot of coverage holes. Many of the home stations in the area have about
(some more, heh heh) the range of a lot of the digi's (most of our digi's

are really not that "wide" so to speak) and not having them setup for RELAY duties is a detriment to APRS ops in the area as they could fill in a lot of the coverage holes.

Granted we have to work with what's available. In certain areas it's probably best if all the home stations don't default to RELAY due to channel congestion in areas with a "dense population" of APRS stations.

I guess my main point is that many ops are (like I was) probably not aware that WinAPRS isn't defaulting to a MYALIAS of RELAY. Many of these home stations are have both excellent location and coverage to supliment the area's digi's by providing RELAY coverage to mobile/low power stations.

Was this feature turned off for a good reason and the documentation not updated? Is this a bug? Or was I (and a lot of others in my area) not doing something right? Maybe we're all overlooking something here, I don't know, but I'm open to constructive comments on this.

Thanks in advance.

73's de Jeff, KD4EVB

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Re: HTX-202

From: Arte Booten <n2zrc@webspan.net>
Date: Mon, 14 Feb 2000 18:40:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66027-2000.02.14-17.47.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

James L. wrote:

>I have run [a '202] on 15 V with no problems. Just more output power.
>I'd be concerned about running a high duty cycle as the radio my not
>have good enough heat sinking.

FYI, the '202 is designed for 5 watts output. While almost all are capable of at least 7 (I know of at least one that peaked out at almost nine!), neither the heatsink nor the PA finals are designed to handle it for any length of time.

To see a practical demonstration of this, feed the thing 13.8 V and transmit for a long time while holding the radio in your hand. I've known at least five people whose '202's PA's literally desoldered themselves from the board! This was especially true for earlier "Realistic" branded radios, although the later "Radio Shack" branded versions also suffer from this.

If you really need more juice, either buy an amplifier or a better antenna. I managed to get the last three RS bricks (5W in-30+W out) in my local RS for $25 apiece. And a better antenna is, in effect, a cheap amplifier with no further power requirements. 73

```
+-----------------------------------------------------------------------+
|Arte Booten  <n2zrc@arrl.net>  AEC for Digital Services-NYC ARES/RACES|
|PGP Key Fingerprint: D677 45CE DCC4 205D 8B23 6CB0 2D13 7D1C B3C2 9596|
|Riverdale, New York   [FN30bu]     !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
+-----------------------------------------------------------------------+
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] D7a and D-700a & Skywarn

From: "Dale Huguley" <kg5qd@worldnet.att.net>
Date: Tue, 15 Feb 2000 12:23:16 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66129-2000.02.15-06.27.09--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

```
Hi All-
Here is a part of my log file from Sunday night during the tornado outbreak
in Southwest Georgia that killed 22 people.( only the verbal parts, not the
county warn areas etc.)

MOBSVR>APRS:NWS-WARN :SVR mov E   @35 12 SW   of ANDALUSIA {E51AC
BMXTOR>APRS:NWS-WARN :TOR mov E   @60 07 S    of LOUISVILLE {E4wAC
TAETOR>APRS:NWS-WARN :TOR mov NE  @45 17 SW   of DOERUN {E52AC
BMXSVR>APRS:NWS-WARN :SVR A LINE OF SEVERE THUNDERSTORMS {E55AC
TAETOR>APRS:NWS-WARN :TOR mov NE  @35 04 W    of STEINHAM STORE {E55AC
TAESVR>APRS:NWS-WARN :SVR SEVERE THUNDERSTORMS WITH LARGE HAIL AND DAMAGING
WINDS {E5IAC
MOBSVR>APRS:NWS-WARN :SVR OVER EAST CENTRAL ESCAMBIA COUNTY {E5NAC
FFCSVR>APRS:NWS-WARN :SVR mov SE  @30 04 N    of MONROE {E5PAC
TAETOR>APRS:NWS-WARN :TOR mov ... @45 14 W    of WHIGHAM {E5VAC
TAESVR>APRS:NWS-WARN :SVR WITH LARGE HAIL AND DAMAGING WINDS 3 MILES SOUTH
OF WIRE BR {E5YAC
BMXSVR>APRS:NWS-WARN :SVR WITH LARGE HAIL AND DAMAGING WINDS OVER ASHLAND
{E5fAC
BMXSVR>APRS:NWS-WARN :SVR WITH LARGE HAIL OVER HARTSELLE {E5fAC
TAETOR>APRS:NWS-WARN :TOR mov NE  @40 03 SW   of CAMILLA {E5fAC
OHXSVR>APRS:NWS-WARN :SVR mov E   @55 05 NE   of FAYETTEVILLE {E5uAC
TAETOR>APRS:NWS-WARN :TOR mov NE  @20 12 W    of MEIGS {E62AC
TAESVR>APRS:NWS-WARN :SVR WITH LARGE HAIL AND DAMAGING WINDS 2 MILES NORTH
OF PACHITL {E6FAC
MOBSVR>APRS:NWS-WARN :SVR mov E   @25 09 SW   of ANDALUSIA {E6PAC
MRXSVR>APRS:NWS-WARN :SVR mov E   @50 15 W    of MONTEAGLE {E6OAC
FFCSVR>APRS:NWS-WARN :SVR mov NE  @50 16 W    of GRIFFIN {E6VAC
TAETOR>APRS:NWS-WARN :TOR mov NE  @40 06 W    of NORMAN PARK {E6YAC
TAETOR>APRS:NWS-WARN :TOR mov E   @40 03 N    of MOULTRIE {E76AC
TAESVR>APRS:NWS-WARN :SVR WITH DAMAGING WINDS 5 MILES SOUTH OF ENIGMA {E7HAC
TAETOR>APRS:NWS-WARN :TOR mov E   @45 08 SW   of LENOX {E7LAC
CAESVR>APRS:NWS-WARN :SVR mov E   @60 05 N    of BATESBURG {E7TAC
FFCSVR>APRS:NWS-WARN :SVR mov E   @20 04 W    of BLACKSVILLE {E7aAC
TAESVR>APRS:NWS-WARN :SVR WITH DAMAGING WINDS 3 MILES SOUTHWEST OF
OCKLOCKONEE {E7bAC
FFCSVR>APRS:NWS-WARN :SVR mov E   @40 07 SE   of PORTERDALE {E80AC
TAESVR>APRS:NWS-WARN :SVR WITH DAMAGING WINDS 4 MILES NORTH OF MICCOSUKEE
{E85AC

For example
TAETOR>APRS:NWS-WARN :TOR mov NE  @40 03 SW   of CAMILLA {E5fAC
should read on a d7a-

TOR mov NE
@40 03 SW
of CAMILLA {E5fAC  <next screen>

and on a d-700 should read (with WARN in the upper right corner)

TOR mov NE  @40 03 SW
  of CAMILLA {E5fAC

These packets are specifically designed not to wrap on either screen - for
clarity
The d7a has three 12 character lines and a 7 character line
The d-700 has three 22 character lines
This means that there is a dead zone at the 23rd and 24th characters to
avoid wrapping.
The lines that were not able to be parsed to vector / speed / relative
position / reference location
such as

TAESVR>APRS:NWS-WARN :SVR WITH DAMAGING WINDS 5 MILES SOUTH OF ENIGMA {E7HAC

are sent as is- they  still contain useful information.

73 de kg5qd Dale



---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

175. [htaprs] APRS-SA registration

From: Richard Carter <rcarter@isi.com>
Date: Tue, 15 Feb 2000 13:09:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66155-2000.02.15-12.07.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know how to register aprs-sa? I've looked all over the website, but can't find a reference.

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Re: APRS-SA registration

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Tue, 15 Feb 2000 12:14:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-66157-2000.02.15-12.12.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Richard, isn't there a registration.txt file included
with the program? Look in the aprs+ directory after you
unzip it, and check for all *.txt files..

Good luck, Robbie

Richard Carter wrote:
>
> Does anyone know how to register aprs-sa? I've looked all over the website, but can't find a reference.
>
> Rich Carter - KE1EV
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] Palm Vx Interface to TNC?

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Tue, 15 Feb 2000 12:53:36 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66163-2000.02.15-14.51.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Today's phonecall to Palm Computing's "Technical Support" has to have been
one of the most frustrating wastes of time in my whole life!

<VENT MODE ON>

Firstly, I talked to the Sales department. My request was simple: Do you
have a serial cable that goes from the Palm Vx to DB-25 or DB-9 connector.
Their answer was "I don't know, here's technical support's phone number".

Rather than dial long distance, I emailed technical support asking for a
source for the connectors that go on the Palm Vx. After three go-arounds,
they said "this is not a technical question" and that they were hoping to
be able to answer "non technical" questions via email in the future. They
suggested I call the Sales department!

So I gave in and called the long distance Technical Support number. I
spoke to a lady who was having a real hard time understanding the words
"serial cable" and "connector". She couldn't understand what I was trying
to do, "interface the Palm Vx to a piece of external equipment?"

She put me through to a supervisor, who had probably even less of a clue
than the previous "Technical Support" person. "What kind of connector" did
I need, he asked? The one that fits the Palm Vx!!". He said they made the

Travel Kit, which looks like it might do the job -- it's a connector for
the Palm Vx (Yippee!) and a DB-9 -- and that I should talk to Sales about
it. I said that was great, but I needed technical information about that
accessory. I needed to know how it was wired up. "Wired up? What do you
mean?" Well, for a start, how many wires are soldered onto the connector?
"Soldered? What connector?". See how this rapidly became frustrating? :-)

Things got steadily worse, and worse, and worse. It took 10 minutes,
literally, to get him to correctly type in a simple web page address ("No,
it's not 'www.palmorder.modusmedia.com', just 'palmorder.modusmedia.com'",
"no, that's capitol 'P'", "no, just the letter 'P' is capitalized because
you can't capitalize the *number* '5'" and so on).

The "Technical" people just don't seem to understand that they supply the
Palm Pilot series of PDAs with a connector that allows them to communicate
with external devices, such as modems and computers, but they have no idea
that given this ability, people will want to take advantage of it.

After 45 minutes fo this incompetance, I hung up.

</VENT MODE OFF>

So, my question to the group, finally, is:

Does anyone know a source for the connector that goes on the bottom of a
Palm Vx (which is different from the other, earlier Palm units) so that I
can create my own serial cable?

Alternatively, does anyone know if the cable that comes with the $50
travel kit, that also contains a whole bunch of stuff that I don't need,
will work with a TNC?

If you know the answers to these questions I'd love to hear from you.
Maybe I could also arrange employment for you with Palm Computing's
Technical Support department!

Thanks in advance,

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] RE: Home stations not running "RELAY" alias????

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Tue, 15 Feb 2000 18:59:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66188-2000.02.15-17.57.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Along the same lines, wouldn't it make since for a station that is WIDE-N
capable to put the alias in the UIDIGI instead of MYALIAS?

Example : Set Myalias to NONE, Set UIDIGI to RELAY..

While this may not decrease the number of packets in the network, this would
allow easier "reverse tracing" of packets to see exactly how they got to
you...

Chris Schwab, N4BSA
Scoutmaster, Troop 488 Largo FL
N4BSA/R 147.315+ St Pete FL 136.5pl
n4bsa@arrl.net - ICQ #605460
See where I am! http://www.aprs.net:8000/n4bsa-7

-----Original Message-----
From: bounce-htaprs-6821@lists.tapr.org
[mailto:bounce-htaprs-6821@lists.tapr.org]On Behalf Of Jeffrey Thomas
Sent: Monday, February 14, 2000 6:14 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Home stations not running "RELAY" alias????

Howdy all,

I've been noticing that the bulk of the home stations (at least in the Cincinnati area) are not setup for a MYALAIS of RELAY. Maybe it's just me or something I'm doing, but I don't think so.

I got to checking and noticed that my own WinAPRS setup doesn't set the MYALIAS to RELAY unless I explicity tell it to do so. The documentation that I've looked at so far gives the impression that the RELAY alias is always set by default via the software, but it's not.

Digi coverage in my neck of the woods is okay for bases, but really spotty for mobiles and D7 HT's. The situation is getting better, but we still have a lot of coverage holes. Many of the home stations in the area have about (some more, heh heh) the range of a lot of the digi's (most of our digi's are really not that "wide" so to speak) and not having them setup for RELAY duties is a detriment to APRS ops in the area as they could fill in a lot of the coverage holes.

Granted we have to work with what's available. In certain areas it's probably best if all the home stations don't default to RELAY due to channel congestion in areas with a "dense population" of APRS stations.

I guess my main point is that many ops are (like I was) probably not aware that WinAPRS isn't defaulting to a MYALIAS of RELAY. Many of these home stations are have both excellent location and coverage to supliment the area's digi's by providing RELAY coverage to mobile/low power stations.

Was this feature turned off for a good reason and the documentation not updated? Is this a bug? Or was I (and a lot of others in my area) not doing something right? Maybe we're all overlooking something here, I don't know, but I'm open to constructive comments on this.

Thanks in advance.

73's de Jeff, KD4EVB

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: 1schwab1@tampabay.rr.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

179. [htaprs] D700A, GPSIII+, and DGPS Works

From: "Steven J Adams" <adamss@datasys.net>
Date: Tue, 15 Feb 2000 19:50:43
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66209-2000.02.15-19.48.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There were some comments awhile back about whether DGPS works on the D700. I'm happy to announce it works and works with the Garmin GPS 3+ also.

Locally we are using the TAPR DGPSIB to transmit out the DGPS signals on the APRS frequency. The D700 receives the signal and routes only the DGPS data to the GPS unit - with no header.

Good job Kenwood! I'm very impressed with the D700.

KF4NAT
Steve Adams
Valdosta GA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] Re: Palm Vx Interface to TNC?

From: "Ray Rischpater, KF6GPE" <dove@lothlorien.com>
Date: Wed, 16 Feb 2000 09:22:11 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66291-2000.02.16-11.18.38--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

This is a common problem with almost ALL the handheld manufacturers (support). It's important to remember
that the target market for these manufacturers is the (with all due respect) suit on the street that's going
to buy one, pop the box, and use it, not attach it to a TNC, radio, or anything else in general (or if they
did, they'd buy a complete solution). There are millions more of them than there are of us.

Any sort of technical question we're likely to ask gets answered (including pinouts) by their "Developer Technical Support", or DTS. They handle not only software SDK questions, but hardware licensing, interfacing, and so on. Their web site has a bunch of info, including a free area to sign up and get NDA-only material at http://www.palm.com/devzone.

Of course, if they'd had any sense, they'd have said, "I dunno. Our DTS doesn't give phone tech support unless you pay us a lot of money. Why not go to our web site?"

They've got a good web site at www.palm.com; follow the link to the developer guide. There, you'll find
pinouts. Specifically for the Vx:
Pin 1: "DO" A Nonstandard data out, consisting of the voltage-doubled data out pin.
Pin 2: V++, used by the HotSync button. DO NOT POWER PERIPHERALS WITH THIS PIN.
Pin 3: RS232 RxD: Data in.
Pin 4: RS232 RTS (Request to Send)
Pin 5: RS232 TxD: Transmit data out.
Pin 6: RS232 CTS: Clear to Send
Pin 7: I1, interrupt to initiate hotsync process. Jumper to V++ across a 150-ohm resistor & 0.01uF divider.
Pin 8: I2, interrupt to indicate peripheral hotsync.
Pin 9: Unused (reserved for expansion)
Pin 10: Signal ground.

Note: PLEASE CHECK THESE WITH THE PALM DEVELOPER WEB SITE BEFORE USING THESE PIN ASSIGNMENTS. I WON'T BE
RESPONSIBLE FOR TYPOS, ERRORS, &c.
(I'm mostly a software guy anyway. :)). You can get that info from
http://www.palm.com/devzone/hw.html.

The connector's the hard part -- it's nonstandard and I don't know of a vendor. I'm intentionally going to
avoid any comments about this.

73 de KF6GPE

>
>
> Subject: Palm Vx Interface to TNC?
> From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
> Date: Tue, 15 Feb 2000 12:53:36 -0800 (PST)
> X-Message-Number: 4
>
> Today's phonecall to Palm Computing's "Technical Support" has to have been
> one of the most frustrating wastes of time in my whole life!
>
> <VENT MODE ON>
>
> Firstly, I talked to the Sales department. My request was simple: Do you
> have a serial cable that goes from the Palm Vx to DB-25 or DB-9 connector.
> Their answer was "I don't know, here's technical support's phone number".
>
> Rather than dial long distance, I emailed technical support asking for a
> source for the connectors that go on the Palm Vx. After three go-arounds,
> they said "this is not a technical question" and that they were hoping to
> be able to answer "non technical" questions via email in the future. They
> suggested I call the Sales department!
>
> So I gave in and called the long distance Technical Support number. I
> spoke to a lady who was having a real hard time understanding the words
> "serial cable" and "connector". She couldn't understand what I was trying
> to do, "interface the Palm Vx to a piece of external equipment?"
>
> She put me through to a supervisor, who had probably even less of a clue
> than the previous "Technical Support" person. "What kind of connector" did
> I need, he asked? The one that fits the Palm Vx!!". He said they made the
> Travel Kit, which looks like it might do the job -- it's a connector for
> the Palm Vx (Yippee!) and a DB-9 -- and that I should talk to Sales about
> it. I said that was great, but I needed technical information about that
> accessory. I needed to know how it was wired up. "Wired up? What do you
> mean?" Well, for a start, how many wires are soldered onto the connector?

> "Soldered? What connector?". See how this rapidly became frustrating? :-)
>
> Things got steadily worse, and worse, and worse. It took 10 minutes,
> literally, to get him to correctly type in a simple web page address ("No,
> it's not 'www.palmorder.modusmedia.com', just 'palmorder.modusmedia.com'",
> "no, that's capitol 'P'", "no, just the letter 'P' is capitalized because
> you can't capitalize the *number* '5'" and so on).
>
> The "Technical" people just don't seem to understand that they supply the
> Palm Pilot series of PDAs with a connector that allows them to communicate
> with external devices, such as modems and computers, but they have no idea
> that given this ability, people will want to take advantage of it.
>
> After 45 minutes fo this incompetance, I hung up.
>
> </VENT MODE OFF>
>
> So, my question to the group, finally, is:
>
> Does anyone know a source for the connector that goes on the bottom of a
> Palm Vx (which is different from the other, earlier Palm units) so that I
> can create my own serial cable?
>
> Alternatively, does anyone know if the cable that comes with the $50
> travel kit, that also contains a whole bunch of stuff that I don't need,
> will work with a TNC?
>
> If you know the answers to these questions I'd love to hear from you.
> Maybe I could also arrange employment for you with Palm Computing's
> Technical Support department!
>
> Thanks in advance,
>
> Julian
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] hot sync cable - pocket aprs

From: Steve Prior <sprior_1952@yahoo.com>
Date: Wed, 16 Feb 2000 10:04:05 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66294-2000.02.16-12.03.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Perhaps this will help answer the questions on the pin
out questions

http://www.palm.com/devzone/hdk/images/cableser.gif

73
Steve
N3UYI

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: Palm Vx Interface to TNC?

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 16 Feb 2000 10:52:24 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66296-2000.02.16-12.50.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As an update to my original rant...

Thanks to all those that replied with cable solutions. I have a Swan Modem
cable on its way (back ordered) and a "Bridge" on its way right now.

The pin outs are not he problem... they are available on the web page. The
connector *is* the problem. No one seems to have it, including, it seems,
the manufacturer!

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] Re: pocket aprs help..

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 16 Feb 2000 17:06:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-66320-2000.02.16-17.15.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used a standard hot synch cable and a radio shack db9 null modem adapter.
I then cut off all pins on the male end of the db9 null modem adapter,
EXCEPT pins 2,3 and 5 which are the tx data, rx data and signal ground. This
seems to accomplish what Mike is recommending, in terms of excessive power
drain with a full handshaking null modem connector.

I've got mine working great with a single port pico and the Palm IIIx,
pocketAPRS 1.03. I just enter my position manually with the "i" command by
tapping on the map.

When I can afford to get a KPC3+, I'll put my Garmin II+ back in the system.
For now, I don't find it any problem at all to tap the map! 73

hasan schiers
schiers@netins.net
N0AN

----- Original Message -----
From: "jeff" <jeff@k8sn.org>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, February 14, 2000 6:55 PM
Subject: [htaprs] pocket aprs help..

> I am making a cable to go to my palm pilot to the TNC unfortuneatly the
> modem cable is no longer made :(so i am using the hot sync cable.   Is
> anyone else doing this? I am not sure if I wired it correctly or not.
> Does anyone have decently detailed instructions on how to wire it and what
> the correct pin outs should be? (and maybe the colors of the wire...
Also
> how should I be looking at the plug that goes into the palm pilot.. ?
>
>
>
> thanx
>
> Jeff Kc8ffv
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] Re: Palm Vx Interface to TNC?

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 17 Feb 2000 01:02:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66371-2000.02.17-01.00.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:22 AM 2/16/00 -0800, Ray Rischpater, KF6GPE wrote:

>This is a common problem with almost ALL the handheld manufacturers
(support). It's important to remember

>that the target market for these manufacturers is the (with all due
respect) suit on the street that's going
>to buy one, pop the box, and use it, not attach it to a TNC, radio, or
anything else in general (or if they
>did, they'd buy a complete solution). There are millions more of them
than there are of us.
>

  Actually, as a person who works in a call center, I think the problem
here is that Julian was probably put in touch with an OUTSOURCER, or more
euphemistically, a "business partner" of the company that really produces
the product.

Bear in mind that the person answering the phone is in general:

A) Someone who makes $7 per hour
B) Functionally illiterate
C) Someone who will not be doing tech support for that product in 3 months
(or any tech support)
D) Someone who's performance review entails his average talk-time and not
customer satisfaction
E) has a computer deciding when his breaks are (never mind what the body says)
F) Doesn't own the product he's supporting
G) Does product support for several products/companies (ie Palm
Pilots/Emerson VCR's/Singer Sewing Machines...
H) trained for about 4 hours on the product (and that was 3 months ago)

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] TNC or D7 to laptop

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Thu, 17 Feb 2000 12:07:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66420-2000.02.17-12.14.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is really basic and I'm embarrassed to ask, but I'm stumped.

I'm trying to get a couple of laptops to detect and use KPC-3 Plus TNCs using
Hyperterminal. I've also had no success getting them to detect my TH-D7A. The
oldest laptop, running Windows 3.1 Terminal is fine. Two others, running
Windows 95 and 98 can't find the TNC. I've even tried connecting a USRobotics
modem to the COM port - can't find that either.

I know to have everything connected before I boot up. I've toggled the TNC off
and on to see if it will send its little setup, prompting for baud rate and
callsign and go to cmd:. Nothing.

I have successfully used the same TNCs on two desktop PCs running Hyperterminal.

Thanks in advance.

Bill McLarty, KM5GE
bmclarty@trustmark.com = km5ge@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] Re: TNC or D7 to laptop

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 17 Feb 2000 14:49:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-66432-2000.02.17-13.47.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill -

> I'm trying to get a couple of laptops to detect and use KPC-3 Plus TNCs using
> Hyperterminal. I've also had no success getting them to detect my TH-D7A. The
> oldest laptop, running Windows 3.1 Terminal is fine. Two others, running
> Windows 95 and 98 can't find the TNC. I've even tried connecting a USRobotics
> modem to the COM port - can't find that either.

Perhaps it's the serial ports of the laptops themselves. RS-232 signal lines are supposed to be bipolar -- negative for a Mark (logic 1) and Positive for a Space (logic 0). Since laptops are battery powered, a negative voltage source must be "derived" using a DC-DC converter or charge-pump circuit. I have heard rumors that some laptops don't even bother, they swing the signal lines from positive to 0 (zero).

The TNC's are faced with the same problem. -- They're powered from a positive DC source, so where are they going to come up with a negative voltage?

One clever way is to steal power from the Tx data line through a blocking diode to charge a small electrolytic capacitor, since the Tx data line is at a Mark when idle. Of course, this won't work if you don't get a negative voltage from the equipment you're connected to.

Try measuring the Tx data signal lines on both the TNC's and the PC's when the ports are enabled (HyperTerminal is loaded and assigned to the serial port) but idle. If there are no negative voltages preset, you may have to switch to a different brand TNC or laptop.

Good luck & 73!

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] Proper organization of files for APRS

From: kb8uih@bytethis.com
Date: Thu, 17 Feb 2000 18:45:16 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-66456-2000.02.17-17.44.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,
This is probably SOP for many of you, but it's not sinking in for me yet. Would someone be able to explain what the best root directory and sub directory order would be to set up and keep Win APRS running correctly and smoothly? I would appreciate it. I am having much trouble with having the all my map files open properly without manually opening them from the "Files" menu prompt. I want them to open from the "Maps" or the "Lists" menu prompts the way they are supposed to. The "counties maps files" aren't working to issue watch/warnings for weather mode also.
Thanks alot in advance.
--
73,
Chris Rose
KB8UIH
AEC Midland County, MI
ARES RACES SKYWARN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] MCP Software - Data File Format

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 18 Feb 2000 16:47:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66567-2000.02.18-15.44.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, All -

I wanted to share some information that was kind of an exciting
discovery for me.

The ARES Emergency Coordinators of the new West Central Florida Section
have been knocking around the idea of providing programming information
for various PC-programmable radios that would have the various emergency
service repeaters and simplex frequencies for all of the nine counties
in the section. This data would allow visiting hams providing mautual
aid during disasters to preprogram their radio before they leave for
radio facilities in the area they are going to help in.

I started investigating the software available for programming
PC-programmable rigs, much of it supplied by R-T Systems in Huntsville.
Many of you know that Kenwood also has developed such software for the
TH-G71, TM-G707, TM-V7, and TH-D7, and TM-V700, and posted it on the FTP
for free downloading.

My concern was how to make data available in a format that could be
easily used for loading into radios of all makes. The R-T Systems
software has the ability to import and export ASCII files, but the
Kenwood MCP software does not. This morning I decided to open up the MCP
data files to see if I could decipher the way data was stored in the
file.

To my total astonishment and great glee, I found out the files contain
simple ASCII text! As a result, you don't *need* an import or export
feature in the MCP software -- it's pretty-much built in. In addition,
the format of files appears to be consistent from one model to another,
so that data from a TH-D7 can be imported right into a TM-D700, and you
can cut and paste with your favorite text editor from one radio to the
other.

Of course, you still need the software for each specific radio model,
but Kenwood gives that away for free! And with the help of information
supplied by Jim Gill, N0RMO and Darryl Smith, VK2TDS, someone could
easily develop a VB application to load and dump the memory files.

For a detailed description of the MCP data file contents, you can go to
my website, at http://www.eabehl.com/hamradio/ken-mcp.txt

73!

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

189. [htaprs] Re: MCP Software - Data File Format

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 18 Feb 2000 18:54:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Kenwood Reflector <kenwood@qth.net>,
        HT APRS Reflector <htaprs@lists.tapr.org>
Message-ID: <LYR845-66578-2000.02.18-17.51.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim -

> > For a detailed description of the MCP data file contents, you can go to
> > my website, at http://www.eabehl.com/hamradio/ken-mcp.txt
>
> 404 file not found
>
> all variations or possible combinations, same result. Maybe it's not posted
> yet?

Ahhhh! Thanks for catching that! I missed just one little folder... Try:

   http://www.eabehl.com/hamradio/files/ken-mcp.txt

Sorry for the confusion. Also, if you check this file's parent page,
http://www.eabehl.com/hamradio/xcvrprog.htm you'll see I have linked to
your site. I hope you don't mind.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] APRStk ver K04 posted

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 18 Feb 2000 19:47:14 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: amsat-bb@amsat.org
Message-ID: <LYR845-66583-2000.02.18-18.46.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRStk combines APRS monitoring, Satellite Tracking, and Automatic radio
tuning for the Kenwood data radios so your old DOS PC in the corner can
keep you informed of everything that is going on on your local APRS
frequency and any of the digital or FM satellites.

This latest version K04 fixes the bug that limited automatic tuning to
only the HT. Now either the handheld THD7 or the TM-D700 can be used.

de WB4APR

Normal upgrade: ftp://tapr.org/aprssig/dosstuff/APRSdos/astk-exe.zip
Complete install: ftp://tapr.org/aprssig/dosstuff/APRSdos/aprstk.zip

Always install with PKUNZIP -dn or WinZIP.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] Re: [Kenwood] MCP Software - Data File Format

From: "Fred Decker" <fdecker@csi.com>
Date: Fri, 18 Feb 2000 20:29:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66590-2000.02.18-19.31.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Your link appears to be broken. I would really love the check out your
site, Ed.

I have listings of the programming data structure since the TH-78. It was
harder to get that one because there is no programming software, they
refused to publish or share the spec, and I had to tape record a "cloning"
session and use audio editing and dtmf decoding software to figure it out
character by character. I use a tone generating software program that
works with any sound equipped pc to store files of the different programs
and program any radio I have that allows programming. I got tired of
having to use so many different cables, software and radios. I like the
Kenwood radios and their data structure has changed very little with each
radio.

Fred

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] a bit of the subject

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Sun, 20 Feb 2000 23:15:05 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66928-2000.02.20-15.10.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry I know this is a bit of the subject but could some one tell me where I
could find a program called HAM WEB on the tapr ftp site.

Many thanks

Peter
ZR5DWC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] TM-D700e Indicator mR ?

From: Andreas Puschendorf <dd1aaa@gmx.de>
Date: Sun, 20 Feb 2000 22:50:42 +0100 (MET)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66930-2000.02.20-15.48.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello ,

today i tried to send a message from DD1AAA via RELAY to DG4KLK-5.
But DG4KLK receives only mR DD1AAA on his TM-D700e.

I know the indicators like dP, dS, >P. but mR I don´t find in
the manual. (Maybe it was rM instead of mR).

Anybody who can help ?

Bye
   Andreas Puschendorf
   DD1AAA, Germany

--
Sent through Global Message Exchange - http://www.gmx.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] "Time Set" on D700

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Sun, 20 Feb 2000 17:14:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66932-2000.02.20-16.14.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been runnig a D700 for several weeks now and having a great
time. Recently I noticed that the Position page assigns "Time Set" to
one of the soft keys. Has anyone been able to figure out what this does?
Even when hooked to my Street Pilot it does not appear to set the time
on the D700.

73s George W3GP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] Re: Palm Maps Info

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Sun, 20 Feb 2000 15:55:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66936-2000.02.20-16.57.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I do apologize for my absense from the list as of late. My mother who
has MS fell recently and suffered a depressed skull fracture. She has been
released from the hospital today and will return home with me to recover.
We were worried about the swelling in her head as the CT scan showed no
space between her skull and the brain.
    As a result I have not devoted my time to the APRS list as much as I
should have. I am starting to work on the maps problem this week. Will let
you know how things go in the next week or so on the map problem.

Peter Anderson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] Annoying bug in the D700

From: "Alan K. Adamson" <ne1h@ne1h.dyndns.org>
Date: Sun, 20 Feb 2000 18:11:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66937-2000.02.20-17.09.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone played with this.

I live at 34 05.12 and 83 56.80

I was playing with the position abiguity and set it for 1. suppose to do
34 05.1 and 83 56.8 - It didn't.

So I set it to 2 and was expecting it to do 34 05 and 83 56 - straight from
the documentation - It doesn't.

In fact I got 35 05.12 and 103 56.80

So, don't use that features it's completely broken!

Here are my posits from a digi. Could it be the digi missed the
translation???

NE1H-1>APRS,KD4DLT-6,N4NEQ-2*:@202157z3405.1210N/10356.80W-000/000/E>dsy/M0/
Off
duty..]
NE1H-1>APRS,N4NEQ-2*,WIDE:@202237z3405.1210N/10356.80W-000/000/E>dsy/M0/Off
duty
..]
NE1H-1>APRS,KD4DLT-6,N4NEQ-2*:@202244z3405.12N/08356.80W-000/000/E>dsy/M0/Of
f du
ty..]
NE1H-1>APRS,RELAY*,WIDE:@202249z3405.110N/08356.80W-000/000/E>dsy/M0/Off
duty..
]
NE1H-1>APRS,KD4DLT-6,N4NEQ-2*:@202304z3405.1210N/10356.80W-000/000/E>dsy/M0/
Off
duty..]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] THD7

From: ww0e@juno.com
Date: Sun, 20 Feb 2000 17:49:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66941-2000.02.20-17.58.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm new to the list here, while trying to get my
THD7 going on APRS, my radio sent a signal,
then it quit, and will now only flashes the opening sceen,
how do I get it to quit !! (For now I have to remove the battery
pack to get it to stop).
Thanks.
Jerry - WW0E
ww0e@juno.com

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] Re: Annoying bug in the D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 20 Feb 2000 19:15:56 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-66944-2000.02.20-18.14.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 20 Feb 2000, Alan K. Adamson wrote:

> Anyone played with this.
>
> I live at 34 05.12 and 83 56.80
> I was playing with the position abiguity and set it for 1. suppose to do
> 34 05.1 and 83 56.8 - It didn't.
>
> So, don't use that features it's completely broken!

No, it works. What you are seeing is your Mic-E posit from the radio
being converted by a digi, APRServe, or someone elses software to a
different APRS format. Since some of the authors refused to agree to a
standard for this conversion, what you see is what you get.... Good luck.

Bob, WB4APR

 > > Here are my
posits from a digi. Could it be the digi missed the > translation???
>
> NE1H-1>APRS,KD4DLT-6,N4NEQ-2*:@202157z3405.1210N/10356.80W-000/000/E>dsy/M0/
> Off
> duty..]
> NE1H-1>APRS,N4NEQ-2*,WIDE:@202237z3405.1210N/10356.80W-000/000/E>dsy/M0/Off
> duty
> ..]
> NE1H-1>APRS,KD4DLT-6,N4NEQ-2*:@202244z3405.12N/08356.80W-000/000/E>dsy/M0/Of
> f du
> ty..]
> NE1H-1>APRS,RELAY*,WIDE:@202249z3405.110N/08356.80W-000/000/E>dsy/M0/Off
> duty..
>]
> NE1H-1>APRS,KD4DLT-6,N4NEQ-2*:@202304z3405.1210N/10356.80W-000/000/E>dsy/M0/
> Off
> duty..]
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

199. [htaprs] THD7

From: ww0e@juno.com
Date: Sun, 20 Feb 2000 18:25:25 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66948-2000.02.20-18.26.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THANKS !! for all the help guys, I thought I
had a major problem here, HI HI..
Appreciate it, what a GREAT SIG,

73
Jerry - WW0E   -   ww0e@juno.com   -   ww0e@arrl.net
APRS, ATV, CLOVER, CW, HF MOBILE, PSK31, RTTY, SSTV.
DXCC, VEC, WPX, WAZ, 5BWAS #2532.   ACARS.
Geritol #1867, 10-10 #63837. "In search of the lost chord".

On Sun, 20 Feb 2000 17:49:41 -0600 ww0e@juno.com writes:
>I'm new to the list here, while trying to get my

>THD7 going on APRS, my radio sent a signal,
>then it quit, and will now only flashes the opening sceen,
>how do I get it to quit !! (For now I have to remove the battery
>pack to get it to stop).
>Thanks.
>Jerry - WW0E
>ww0e@juno.com

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] Re: THD7

From: "Don Ward" <kc5pza@datasync.com>
Date: Sun, 20 Feb 2000 20:34:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-66965-2000.02.20-20.31.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only problem I see with this sig,, When a question is answered direct no
one else sees the answer to the question.

----- Original Message -----
From: <ww0e@juno.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Sunday, February 20, 2000 5:49 PM
Subject: [htaprs] THD7

> I'm new to the list here, while trying to get my
> THD7 going on APRS, my radio sent a signal,
> then it quit, and will now only flashes the opening sceen,
> how do I get it to quit !! (For now I have to remove the battery
> pack to get it to stop).
> Thanks.
> Jerry - WW0E
> ww0e@juno.com
>
> _____
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> You are currently subscribed to htaprs as: kc5pza@datasync.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] Re: "Time Set" on D700

From: Jon Ogden <jono@enteract.com>
Date: Mon, 21 Feb 2000 07:01:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67028-2000.02.21-06.58.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/20/00 4:14 PM, George S. Pappayliou at AA8MA@worldnet.att.net wrote:

> I've been runnig a D700 for several weeks now and having a great
> time. Recently I noticed that the Position page assigns "Time Set" to
> one of the soft keys. Has anyone been able to figure out what this does?
> Even when hooked to my Street Pilot it does not appear to set the time
> on the D700.

I thought it set the TNC time to the GPS's time.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Kenwood 9600 Packet Radios

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 21 Feb 2000 14:01:57 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, amsat-bb@amsat.org,
        TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-67076-2000.02.21-14.43.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 21 Feb 2000, Jari Sivula wrote:

> I have a TH-D7 working vy fine as handheld APRS-rig.
> Now I tried to work normal packet vith PC, but found out,
> that TH-D7 sends ack every second packet it receives.

Sorry, this is because the TNC that Kenwood used was designed only for
single packet mobile data. The TNC has MAXFRAME of 1. This was in all
the advertisements at least here in the USA, but it slows down the bulk
transfer of data when more than one frame is included in each packet.
de WB4APR, Bob

P.S> I wonder if this is also true of the D700? That would explain the
poor performance in CONNECTED uplink transfers with the PACSATS!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] Re: Kenwood 9600 Packet Radios

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 21 Feb 2000 22:15:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, htaprs@tapr.org,
        amsat-bb@amsat.org,
        TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-67168-2000.02.21-22.14.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>
> On Mon, 21 Feb 2000, Jari Sivula wrote:
>
> > I have a TH-D7 working vy fine as handheld APRS-rig.
> > Now I tried to work normal packet vith PC, but found out,
> > that TH-D7 sends ack every second packet it receives.
>
> Sorry, this is because the TNC that Kenwood used was designed only for
> single packet mobile data. The TNC has MAXFRAME of 1. This was in all
> the advertisements at least here in the USA, but it slows down the bulk
> transfer of data when more than one frame is included in each packet.
> de WB4APR, Bob
>
> P.S> I wonder if this is also true of the D700? That would explain the
> poor performance in CONNECTED uplink transfers with the PACSATS!
>

No it isn't Bob.. As I read the D700's Tnc Command List,
Maxframe is default
to 4 with a parameter of 1-7.. Also, I read it as "Maximum

number of
packets to be transmitted at one time."

Unless I am missing the point, we are talking about two
different things.
Jari Sivula sez, > > that TH-D7 sends ack every second
packet it receives.

Whereas you are talking about Maxframe...

I may learn something here too I hope, :-)

Robbie
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] Palm, ahhhhhhhhhh

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Tue, 22 Feb 2000 09:51:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67229-2000.02.22-08.51.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This should be self explanatory. We knew is was coming, now here it is.

http://www.palm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] Re: Kenwood 9600 Packet Radios

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 22 Feb 2000 10:09:27 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, htaprs@tapr.org,
        amsat-bb@amsat.org,
        TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-67235-2000.02.22-09.09.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 21 Feb 2000, Robbie Robertson wrote:

> > Sorry, this is because the TNC that Kenwood used was designed only for
> > single packet mobile data. The TNC has MAXFRAME of 1....
> > P.S> I wonder if this is also true of the D700? That would explain
> > poor performance in CONNECTED uplink transfers with the PACSATS!

> No it isn't Bob.. As I read the D700's Tnc Command List, Maxframe is
> default to 4 with a parameter of 1-7.. Also, I read it as "Maximum
> number of packets to be transmitted at one time."
>
> ... we [may-be] talking about two different things:
> * Jari sez, his TH-D7 sends ack every 2nd packet it receives.
> * Whereas you are talking about Maxframe...

Thanks for looking up the MAXFRAME in the D700. That is good news.

But back to the THD7, although it is in general a TRANSMIT commmand, it
could have something to do with internal BUFFER size, and so it might
only ACK one packet at a time and not wait for as many as 7 before sending
a combined ack. But you may be correct. It may only affect transmit, but
it was the only thing I could think or that 1) is different about the THD7
than conventional TNC's and 2) that may cause the effect he was seeing..?

I would love to learn more about it too.. anyone?

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] D-700 software problems

From: Richard Carter <rich.carter@windriver.com>
Date: Tue, 22 Feb 2000 15:24:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67300-2000.02.22-14.22.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I found what I believe are two problems with the D-700 software provided by Kenwood.

The 70cm default repeater offset is 600khz instead of 500khz. When you enter a 70cm repeater frequency, it defaults to the wrong offset. This means that you must hand enter the correct offset.

There is no way to enter a special character (e.g. ampersand) in the auto-reply message. This means that you can't enter your email address in the auto-reply field.

Kenwood has not been receptive to my complaints in the past. I'd like to be sure that my observations are correct before I contact them. Any comments on the above two bugs? If anyone else has found bugs, please let me know so that I can include them.

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] Re: D-700 software problems

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Tue, 22 Feb 2000 14:59:56 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-67354-2000.02.22-14.59.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Carter wrote:
>
> I found what I believe are two problems with the D-700 software provided by Kenwood.
>
> The 70cm default repeater offset is 600khz instead of 500khz. When you enter a 70cm repeater frequency, it defaults to the wrong offset. This means that you must hand enter the correct offset.
>
> There is no way to enter a special character (e.g. ampersand) in the auto-reply message. This means that you can't enter your email address in the auto-reply field.
>
> Kenwood has not been receptive to my complaints in the past. I'd like to be sure that my observations
 are correct before I contact them. Any comments on the above two bugs? If anyone else has found bugs,
 please let me know so that I can include them.
>
> Rich Carter - KE1EV
>
> ---

Sorry Rich, forgot the other comment on the "@" entry.. From the program
I could not, but from the front panel I was able to enter any character
into the Reply message...

73!

Robbie

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] VISORs, TH-D7A, PocketAPRS and "Pin 2"

From: "Mark Keiser" <mkeiser@chi.navtech.com>
Date: Tue, 22 Feb 2000 16:05:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67364-2000.02.22-16.03.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi HT-APRS community,

I'm ready to play with my VISOR and pocketAPRS. I saw the interfacing comments for the Visor on the web page, and I
wanted to send you this excerpt from the Developers manual, because (frankly) I may be over my head here.

On your Visor page (http://www.pocketaprs.com/visor.html), it said to insulate Pin 2 from the stand ("...there is a way
to "fool" the Visor serial stand into talking to RS-232 devices without finding a way to separately power the stand. To
do this simply involves insulating Pin 2 ("KBD") from the stand..."). I have a Visor-connector-to-bare-wire cable
(after cutting off the USB connector), and I wonder whether you could interpret the following excerpt as grounding Pin 2
to the ground in the connector as fooling the Visor, and getting it to accept from and provide commands to the TH-D7A.

If anyone could help me understand this, and whether this will work to drive a TH-D7A, I would be grateful. My goal is
to get the GPS Springboard module for my Visor, and then just have a Kenwood TH-D7A and the Visor with an internal
module for GPS as my portable APRS station.

73s de N4OGL
====
Excerpt from the Visor Developer's Kit, page 72 (you can get the whole development kit in .pdf format at http://www.handspring.com/developers/developers_kit.asp):

The handheld platform supports character input from an external keyboard or pen-based device through the Cradle
Connector located at the bottom of the handheld device. Pin 2 of the eight-pin Cradle Connector is the □keyboard detect□
pin (KBD*). Grounding this pin indicates to the handheld processor that:
1. A keyboard or other remote UI device is present on the Cradle Connector, and
2. Incoming serial data packets on RXD (pin 1 on the Cradle Connector) should be interpreted as described by this
document.

Note that the Cradle Connector does not include hardware signaling for buffer overflow conditions within the handheld
device. Therefore the maximum recommended serial transfer speed to the handheld device is limited to 9600 kbps.

Remote UI is supported in all existing versions of PalmOS; for more information please see the PalmOS Programmer□s
Companion at http://www.palm.com/devzone/docs.html.

3.1 Remote UI Packet Description

As long as pin 2, KBD*, on the Cradle Connector is held low, the handheld will receive incoming data packets on RXD and
interpret them as Remote UI Packets. Remote UI Packets have three sections: a header, a body, and a CRC as shown in
Figure III.1.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] Re: "Time Set" on D700

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Tue, 22 Feb 2000 18:43:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-67379-2000.02.22-17.41.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>on 2/20/00 4:14 PM, George S. Pappayliou at AA8MA@worldnet.att.net wrote:
>
> > I've been runnig a D700 for several weeks now and having a great
> > time. Recently I noticed that the Position page assigns "Time Set" to
> > one of the soft keys. Has anyone been able to figure out what this does?
> > Even when hooked to my Street Pilot it does not appear to set the time
> > on the D700.
>

>I thought it set the TNC time to the GPS's time.
>
>73,
>
>Jon
>KE9NA
>

Jon is correct, you need to set your UTC offset (-5 for east coast)
And then it automatically sets the time..

Keith Sproul

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] GPS for palm

From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
Date: Tue, 22 Feb 2000 17:08:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67385-2000.02.22-18.09.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out the web site fpr GPS snap on for the palm.

http://www.randmcnally.com/palmIIIc/index.ehtml#receiver

Peter Anderson
Phone: (970) 392-9153
Fax: (240) 220-7311
Pager: (970) 350-3434
Cell: (970) 391-1330
Pager e-mail: 9703503434@page.metrocall.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

211. [htaprs] Re: Palm, ahhhhhhhhhh

From: Jon Ogden <jono@enteract.com>
Date: Tue, 22 Feb 2000 22:58:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67423-2000.02.22-22.55.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 2/22/00 8:51 AM, Dennis Hudson, N2LBT at n2lbt@n2lbt.com wrote:

> This should be self explanatory. We knew is was coming, now here it is.

COOL!

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

212. [htaprs] Newbie RQ help with pocket APRS

From: "Marc C. Hawkins" <4hawk@bellsouth.net>
Date: Wed, 23 Feb 2000 6:49:31
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67507-2000.02.23-06.47.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to group. I am a newbie to APRS/packet, having just purchased a
PicoPacket to fit between my Palm 3X and Yaesu VX5. Testing the connections
with "simpleterm" shows that I can send commands to the TNC, and can get
the TNC to key up the xmit with beacon text of "W4MCH Testing". When I try
to run Pocket APRS I receive tons of stations, but when I try to "transmit
position" no key up from tnc to radio, and the data stream shows "?unknown
command". Yes, I configured to pico in the setup screens, entered my
lat/long correctly, set the xmit control on and even removed the event stn
filters. As a last resort I even read the doc file!
Any ideas? I am sure that I am overlooking something right in front of me!
Thanks to any & all for help.
73 de Marc Hawkins W4MCH, Winter Springs FL, EL98

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

213. [htaprs] Re: Newbie RQ help with pocket APRS

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 23 Feb 2000 08:39:28 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-67523-2000.02.23-08.38.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm using a single port Pico with my Palm IIIx OS 3.3, pocketAPRS 1.03. It
works just fine, so ....

I have gotten that message before.

I reset the tnc (soft reset...really a "restart"). I cycled the power to the
tnc off/on. When I did this, my pico lost its brains and reverted to 9600
baud. I brought up my terminal program for the palm, SimpleTerm 5.1. I
reprogrammed it for 4800 baud, did a "restart", so all the parms would
"take". (I made sure no hardware handshaking was on when I restarted).

I then reconnected the palm, after having turned it off and on, restarting
pocketAPRS from scratch, and the tnc initialized just fine.

Since that time, I have had no more "unknown command" messages, nor any
further "tnc not responding" messages from pocketAPRS.

So, I would start from scratch with the tnc, do a full reset, so you are
working from defaults, program in the appropriate terminal speed...I would
recommend 4800 baud...I did not get good results at 9600. Then, once you
have made sure you have really "quit" pocketAPRS, turn the palm off and then
on, restart pocketAPRS and see if it will then talk to your tnc. I would
also suggest, that during the time pocketAPRS is initializing the tnc, have
your radio turned off, so the tnc is not trying to process incoming packets
while it is being reprogrammed. I have learned not to turn my radio on,
until AFTER pocketAPRS comes up with its default screen. Then I immediately,
manually, send a position report.

Hope this helps ya. 73
hasan schiers, N0AN
schiers@netins.net

----- Original Message -----
From: Marc C. Hawkins <4hawk@bellsouth.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Wednesday, February 23, 2000 6:49 AM
Subject: [htaprs] Newbie RQ help with pocket APRS

> Hello to group. I am a newbie to APRS/packet, having just purchased a
> PicoPacket to fit between my Palm 3X and Yaesu VX5. Testing the
connections
> with "simpleterm" shows that I can send commands to the TNC, and can get
> the TNC to key up the xmit with beacon text of "W4MCH Testing". When I try
> to run Pocket APRS I receive tons of stations, but when I try to "transmit
> position" no key up from tnc to radio, and the data stream shows "?unknown
> command". Yes, I configured to pico in the setup screens, entered my
> lat/long correctly, set the xmit control on and even removed the event stn
> filters. As a last resort I even read the doc file!

> Any ideas? I am sure that I am overlooking something right in front of me!
> Thanks to any & all for help.
> 73 de Marc Hawkins W4MCH, Winter Springs FL, EL98

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

214. [htaprs] CAP Mod

From: "Dr. Rick Olsen" <n6nr@email.msn.com>
Date: Wed, 23 Feb 2000 06:54:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67529-2000.02.23-08.52.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just got my CAP station license this week and would like to do the mod on
the TM-D700A. Anybody have any information as to how to release the radio
for CAP ops?

2nd Lt. Rick Olsen, N6NR - WaCAP 517
Seattle Composite Sqdrn
Washington Wing

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] APRStk and tuing the Kenwoods

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 23 Feb 2000 10:40:16 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, ao16aprs@tapr.org
Message-ID: <LYR845-67555-2000.02.23-09.39.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some people report that APRStk does not tune their radio. I just figured
out why this happens to some and not to others.

IF you dont have your FUNCTION-STEPSIZE set to 5 KHz, then the radio will
not tune to the commmanded FREQ unless it is a multiple of what you
have set in your radio (Default is 25 KHz).. So this might be it...

For those of you that said it wont tune, would you confirm if this fixes
it for you?

ALso, APRStk is computing instantaneous doppler. but round-off errors
cause it to jump around a bit. I need to add a weighted filter to this
routine so it doenst jump around so much... Ill let you know when I
finish this..

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

216. [htaprs] Re: "Time Set" on D700

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 23 Feb 2000 08:35:28 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-67562-2000.02.23-10.33.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 20 Feb 2000, George S. Pappayliou wrote:

>   I've been runnig a D700 for several weeks now and having a great
> time. Recently I noticed that the Position page assigns "Time Set" to
> one of the soft keys. Has anyone been able to figure out what this does?
> Even when hooked to my Street Pilot it does not appear to set the time
> on the D700.

When connected to a GPOS receiver, pressing the "time set" button sets the
D700's internal clock (yes, the D700 has one!) to the GPS time (from the
NMEA string received from the satellite).

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

217. [htaprs] Fw: SUNSAT SO35 BIRTHDAY

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Wed, 23 Feb 2000 20:23:47 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67575-2000.02.23-12.18.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >>On Wednesday 23 February SUNSAT SO35 will be celebrating its first year
> >>in orbit.
> >>To celebrate the occasion a special message will be broadcast during
> >>the following orbits:
> >>
> >>Frequency 145,825 MHz Times in UTC
> >>22 February 2000
> >>
> >>New Zealand/ Australia 23:17
> >>Japan 23:38
> >>
> >>23 February 2000
> >>Sri Lanka/ Malaysia/Singapore 02:50
> >>Europe 08:03
> >>North of South America 12:48
> >>Central USA 14:37
> >>Alaska 18:06
> >>Hawaii 19:35
> >>South Africa 20:22 also at 09:12 and 18:42
> >>Western USA 04:32
> >>
> >>
> >>QSL to: SUNSAT SO35, SA AMSAT, P O Box 1842, Hillcrest 3650. Please
> >>include an addressed envelope and 2 IRC's to cover postage for a special
> >>SUNSAT QSL card (In South Africa a SASE)
> >>
> >>
> >>Comment and RA files to saamsat@intekom.co.za
> >>
> >>
> >>73
> >>
> >>Hans ZS5AKV
> >>
> > >
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

218. [htaprs] RE: htaprs digest: February 22, 2000

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 23 Feb 2000 13:22:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'mkeiser@chi.navtech.com'" <mkeiser@chi.navtech.com>
Message-ID: <LYR845-67576-2000.02.23-12.19.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,
I once spoke to HandSpring regarding the Visor's serial port and basically
the Visor is not a true RS-232 device because the port signals are 0-5V and
not +12v to -12v required by the TH-D7. The only way to get a true RS-232
signal is to add a level converter or buy the Visor's modem cable (if you
can find one) which has a built in converter.

> --
>

> Subject: VISORs, TH-D7A, PocketAPRS and "Pin 2"
> From: "Mark Keiser" <mkeiser@chi.navtech.com>
> Date: Tue, 22 Feb 2000 16:05:00 -0600
> X-Message-Number: 5
>
> Hi HT-APRS community,
>
> I'm ready to play with my VISOR and pocketAPRS. I saw the
> interfacing co=
> mments for the Visor on the web page, and I
> wanted to send you this excerpt from the Developers manual,
> because (fran=
> kly) I may be over my head here.
>
> On your Visor page (http://www.pocketaprs.com/visor.html), it
> said to ins=
> ulate Pin 2 from the stand ("...there is a way
> to "fool" the Visor serial stand into talking to RS-232
> devices without f=
> inding a way to separately power the stand. To
> do this simply involves insulating Pin 2 ("KBD") from the
> stand..."). I =
> have a Visor-connector-to-bare-wire cable
> (after cutting off the USB connector), and I wonder whether
> you could int=
> erpret the following excerpt as grounding Pin 2
> to the ground in the connector as fooling the Visor, and
> getting it to ac=
> cept from and provide commands to the TH-D7A.
>
> If anyone could help me understand this, and whether this
> will work to dr=
> ive a TH-D7A, I would be grateful. My goal is
> to get the GPS Springboard module for my Visor, and then just
> have a Kenw=
> ood TH-D7A and the Visor with an internal
> module for GPS as my portable APRS station.
>
> 73s de N4OGL
> =3D=3D=3D=3D
> Excerpt from the Visor Developer's Kit, page 72 (you can get
> the whole de=
> velopment kit in .pdf format at
> http://www.handspring.com/developers/developers_kit.asp):
>
>
> The handheld platform supports character input from an
> external keyboard =
> or pen-based device through the Cradle
> Connector located at the bottom of the handheld device. Pin 2
> of the eigh=
> t-pin Cradle Connector is the =93keyboard detect=94
> pin (KBD*). Grounding this pin indicates to the handheld
> processor that:
> 1. A keyboard or other remote UI device is present on the
> Cradle Connecto=
> r, and
> 2. Incoming serial data packets on RXD (pin 1 on the Cradle
> Connector) sh=
> ould be interpreted as described by this
> document.
>
> Note that the Cradle Connector does not include hardware
> signaling for bu=
> ffer overflow conditions within the handheld
> device. Therefore the maximum recommended serial transfer
> speed to the ha=
> ndheld device is limited to 9600 kbps.
>
> Remote UI is supported in all existing versions of PalmOS;
> for more infor=
> mation please see the PalmOS Programmer=92s
> Companion at http://www.palm.com/devzone/docs.html.
>
> 3.1 Remote UI Packet Description
>
> As long as pin 2, KBD*, on the Cradle Connector is held low,
> the handheld=
> will receive incoming data packets on RXD and

> interpret them as Remote UI Packets. Remote UI Packets have
> three section=
> s: a header, a body, and a CRC as shown in
> Figure III.1.
>
>
>
> --
>
> Subject: Re: "Time Set" on D700
> From: Keith Sproul <ksproul@vger.rutgers.edu>
> Date: Tue, 22 Feb 2000 18:43:24 -0500
> X-Message-Number: 6
>
> >on 2/20/00 4:14 PM, George S. Pappayliou at
> AA8MA@worldnet.att.net wrote:
> >
> > > I've been runnig a D700 for several weeks now and having a great
> > > time. Recently I noticed that the Position page assigns
> "Time Set" to
> > > one of the soft keys. Has anyone been able to figure out
> what this does?
> > > Even when hooked to my Street Pilot it does not appear to
> set the time
> > > on the D700.
> >
> >I thought it set the TNC time to the GPS's time.
> >
> >73,
> >
> >Jon
> >KE9NA
> >
>
> Jon is correct, you need to set your UTC offset (-5 for east coast)
> And then it automatically sets the time..
>
>
> Keith Sproul
>
> Keith Sproul   732 445-3695 Office
> Student Housing Network Coordinator   732 445-2968 Fax
> mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
> http://dorm.rutgers.edu/~ksproul/   WU2Z
>
> --
>
> Subject: GPS for palm
> From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
> Date: Tue, 22 Feb 2000 17:08:52 -0700
> X-Message-Number: 7
>
> Check out the web site fpr GPS snap on for the palm.
>
> http://www.randmcnally.com/palmIIIc/index.ehtml#receiver
>
> Peter Anderson
> Phone: (970) 392-9153
> Fax: (240) 220-7311
> Pager: (970) 350-3434
> Cell: (970) 391-1330
> Pager e-mail: 9703503434@page.metrocall.com
>
>
>
>
> --
>
> Subject: Re: Palm, ahhhhhhhhhh
> From: Jon Ogden <jono@enteract.com>
> Date: Tue, 22 Feb 2000 22:58:02 -0600
> X-Message-Number: 8
>
> on 2/22/00 8:51 AM, Dennis Hudson, N2LBT at n2lbt@n2lbt.com wrote:
>
> > This should be self explanatory. We knew is was coming, now
> here it is.
>
> COOL!

>
> ------------------------------------
> Jon Ogden
> KE9NA
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
>
>
> ---
>
> END OF DIGEST
>
> ---
> You are currently subscribed to htaprs as: LavoieDM@CSC-SCC.GC.CA
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

219. [htaprs] mod tmd700

From: "Tom Hoedjes" <al0l@arrl.net>
Date: Wed, 23 Feb 2000 19:38:44 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67584-2000.02.23-12.41.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Gang,

Just got my tmd700 in hb9.. probably the first one...

As this is an E-Type (not a Jaguar) would like to know the
modification to use it in USA.

Probably changing a diode or 2 so I can use the set on 144-148

Tnx in advance
73 de Tom HB9DOD AL0L

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

220. [htaprs] RE: htaprs digest: February 22, 2000

From: "Mark Keiser" <mkeiser@chi.navtech.com>
Date: Wed, 23 Feb 2000 13:13:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67585-2000.02.23-13.12.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Daniel,

I have the Visor USB Cable (found at http://www.handspring.com/products/cradlescables.asp). Is that
what you mean by
"modem cable"? Or is there an alternative source? I have the USB cable, and just wondered if I can
modify it by
cutting the end off and putting on the right plugs and a power source.

Mark

> -----Original Message-----
> From: Lavoie Daniel (NHQ-AC) [mailto:LavoieDM@CSC-SCC.GC.CA]
> Sent: Wednesday, February 23, 2000 12:22 PM
> To: 'TAPR Hot Technology APRS'
> Cc: 'mkeiser@chi.navtech.com'
> Subject: RE: htaprs digest: February 22, 2000
>
>
> Mark,
> I once spoke to HandSpring regarding the Visor's serial port and basically
> the Visor is not a true RS-232 device because the port signals are 0-5V and

> not +12v to -12v required by the TH-D7. The only way to get a true RS-232
> signal is to add a level converter or buy the Visor's modem cable (if you
> can find one) which has a built in converter.
>
> > --
> >
> > Subject: VISORs, TH-D7A, PocketAPRS and "Pin 2"
> > From: "Mark Keiser" <mkeiser@chi.navtech.com>
> > Date: Tue, 22 Feb 2000 16:05:00 -0600
> > X-Message-Number: 5
> >
> > Hi HT-APRS community,
> >
> > I'm ready to play with my VISOR and pocketAPRS. I saw the
> > interfacing co=
> > mments for the Visor on the web page, and I
> > wanted to send you this excerpt from the Developers manual,
> > because (fran=
> > kly) I may be over my head here.
> >
> > On your Visor page (http://www.pocketaprs.com/visor.html), it
> > said to ins=
> > ulate Pin 2 from the stand ("...there is a way
> > to "fool" the Visor serial stand into talking to RS-232
> > devices without f=
> > inding a way to separately power the stand. To
> > do this simply involves insulating Pin 2 ("KBD") from the
> > stand..."). I =
> > have a Visor-connector-to-bare-wire cable
> > (after cutting off the USB connector), and I wonder whether
> > you could int=
> > erpret the following excerpt as grounding Pin 2
> > to the ground in the connector as fooling the Visor, and
> > getting it to ac=
> > cept from and provide commands to the TH-D7A.
> >
> > If anyone could help me understand this, and whether this
> > will work to dr=
> > ive a TH-D7A, I would be grateful. My goal is
> > to get the GPS Springboard module for my Visor, and then just
> > have a Kenw=
> > ood TH-D7A and the Visor with an internal
> > module for GPS as my portable APRS station.
> >
> > 73s de N4OGL
> > =3D=3D=3D=3D
> > Excerpt from the Visor Developer's Kit, page 72 (you can get
> > the whole de=
> > velopment kit in .pdf format at
> > http://www.handspring.com/developers/developers_kit.asp):
> >
> >
> > The handheld platform supports character input from an
> > external keyboard =
> > or pen-based device through the Cradle
> > Connector located at the bottom of the handheld device. Pin 2
> > of the eigh=
> > t-pin Cradle Connector is the =93keyboard detect=94
> > pin (KBD*). Grounding this pin indicates to the handheld
> > processor that:
> > 1. A keyboard or other remote UI device is present on the
> > Cradle Connecto=
> > r, and
> > 2. Incoming serial data packets on RXD (pin 1 on the Cradle
> > Connector) sh=
> > ould be interpreted as described by this
> > document.
> >
> > Note that the Cradle Connector does not include hardware
> > signaling for bu=
> > ffer overflow conditions within the handheld
> > device. Therefore the maximum recommended serial transfer
> > speed to the ha=
> > ndheld device is limited to 9600 kbps.
> >
> > Remote UI is supported in all existing versions of PalmOS;
> > for more infor=
> > mation please see the PalmOS Programmer=92s
> > Companion at http://www.palm.com/devzone/docs.html.

> >
> > 3.1 Remote UI Packet Description
> >
> > As long as pin 2, KBD*, on the Cradle Connector is held low,
> > the handheld=
> > will receive incoming data packets on RXD and
> > interpret them as Remote UI Packets. Remote UI Packets have
> > three section=
> > s: a header, a body, and a CRC as shown in
> > Figure III.1.
> >
> >
> >
> > --
> >
> > Subject: Re: "Time Set" on D700
> > From: Keith Sproul <ksproul@vger.rutgers.edu>
> > Date: Tue, 22 Feb 2000 18:43:24 -0500
> > X-Message-Number: 6
> >
> > >on 2/20/00 4:14 PM, George S. Pappayliou at
> > AA8MA@worldnet.att.net wrote:
> > >
> > > > I've been runnig a D700 for several weeks now and having a great
> > > > time. Recently I noticed that the Position page assigns
> > "Time Set" to
> > > > one of the soft keys. Has anyone been able to figure out
> > what this does?
> > > > Even when hooked to my Street Pilot it does not appear to
> > set the time
> > > > on the D700.
> > >
> > >I thought it set the TNC time to the GPS's time.
> > >
> > >73,
> > >
> > >Jon
> > >KE9NA
> > >
> >
> > Jon is correct, you need to set your UTC offset (-5 for east coast)
> > And then it automatically sets the time..
> >
> >
> > Keith Sproul
> >
> > Keith Sproul   732 445-3695 Office
> > Student Housing Network Coordinator   732 445-2968 Fax
> > mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
> > http://dorm.rutgers.edu/~ksproul/   WU2Z
> >
> > --
> >
> > Subject: GPS for palm
> > From: "Peter J Anderson" <colohtaprsunit@co.freei.net>
> > Date: Tue, 22 Feb 2000 17:08:52 -0700
> > X-Message-Number: 7
> >
> > Check out the web site fpr GPS snap on for the palm.
> >
> > http://www.randmcnally.com/palmIIIc/index.ehtml#receiver
> >
> > Peter Anderson
> > Phone: (970) 392-9153
> > Fax: (240) 220-7311
> > Pager: (970) 350-3434
> > Cell: (970) 391-1330
> > Pager e-mail: 9703503434@page.metrocall.com
> >
> >
> >
> >
> > --
> >
> > Subject: Re: Palm, ahhhhhhhhhh
> > From: Jon Ogden <jono@enteract.com>
> > Date: Tue, 22 Feb 2000 22:58:02 -0600
> > X-Message-Number: 8
> >

> > on 2/22/00 8:51 AM, Dennis Hudson, N2LBT at n2lbt@n2lbt.com wrote:
> >
> > > This should be self explanatory. We knew is was coming, now
> > here it is.
> >
> > COOL!
> >
> > -----------------------------------
> > Jon Ogden
> > KE9NA
> >
> > Member: ARRL, AMSAT, DXCC, NRA
> >
> > http://www.qsl.net/ke9na
> >
> > "A life lived in fear is a life half lived."
> >
> >
> >
> >
> >
> > ---
> >
> > END OF DIGEST
> >
> > ---
> > You are currently subscribed to htaprs as: LavoieDM@CSC-SCC.GC.CA
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] RE: htaprs digest: February 22, 2000

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 23 Feb 2000 17:33:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67600-2000.02.23-16.30.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,

I have a Palm Pilot Pro and I can connect my cradle to the TH-D7 via a null
modem connector. The Palm Pilots have a true serial port (RS-232 compatible
voltages) but in order to make the Visor cheaper and more energy efficient
HandSpring didn't put any level converter in the Visor. Basically you could
cut the connector off your cradle and put a DB9 or DB25 but the signal
voltages are not compatible with RS-232 devices. The bottom line is you
either need to connect your cradle to some kind of a level converter or buy
the proper Visor modem cable which should have a built-in level converter.

Daniel

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

222. [htaprs] Sending email from a D7

From: "Ronald Ross" <rossr@adicomw.com>
Date: Wed, 23 Feb 2000 17:22:36
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67604-2000.02.23-17.20.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

Can anyone tell me how to send email messages from the D7.

I have figured out the "To:EMAIL" and the address and have had
messages delivered but the content of the email is empty when
I receive it.

I am leaving a space after the email address then a short message.

Does the text of the message need to be preceded by anything or
terminated by anything?

regards
Ronald , KE6JAB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] Re: email from D7A

From: Lumpy <lumpy@digitalcartography.com>
Date: Wed, 23 Feb 2000 19:42:20 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67626-2000.02.23-19.38.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ronald KE6JAB wrote:

> ...Can anyone tell me how to send email messages from the D7.

There are two ways to do it from any aprs station (D7A,
WinAPRS, DOS, MAC whatever).

First you have to be within range of an IGATE.
The two methods are -

Destination:EMAIL
Message:address@something.com <space> enter your txt message here
        (obviously fill in a valid email address)

-OR-

Destination:ab0gd-IM (Substitute the callsign you're sending to.
                      The 'IM' stands for internet mail)
Message:enter your txt message here

In the second example, the system mines callservers for the
callsign you enter for the destination. If it doesn't find
a valid email address on the callserver, the message gets
sent to ab0gd@arrl.net (again substitute the call you enter).

So if the ham you are sending to has his/her email address
listed on callservers or has the arrl.net address thing,
the email will be routed to him/her.

Hope that 'splains it.

Lumpy ab0gd
--
Temporary Duty Assignment
Overland Park, Kansas

The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] Re: APRStk and tuing the Kenwoods

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Thu, 24 Feb 2000 09:13:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>, <ao16aprs@tapr.org>
Message-ID: <LYR845-67727-2000.02.24-08.11.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone been able to get the D7A into 9600 baud in APRS TNC mode?

73 jeff kb2wqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

225. [htaprs] d7a message question

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Thu, 24 Feb 2000 16:37:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67785-2000.02.24-15.35.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Another question on the D7A. How do you clear the msg list? Say if you by
mistake send a message before you finish typing it all in. Then how do you
kill that message so you can resend it in it's entirety.

73 Jeff kb2wqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

226. [htaprs] Re: d7a message question

From: Dave VanHorn <dvanhorn@cedar.net>
Date: Thu, 24 Feb 2000 16:42:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67789-2000.02.24-15.51.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 04:37 PM 2/24/2000 -0500, Jeff Griffin wrote:
>Another question on the D7A. How do you clear the msg list? Say if you by
>mistake send a message before you finish typing it all in. Then how do you
>kill that message so you can resend it in it's entirety.

You don't.

There is no way to kill sent messages.

-----BEGIN PGP SIGNATURE-----
Version: PGP for Personal Privacy 5.5.2

iQA/AwUBOLWlyoFlGDz1l6VWEQKBzQCfT4O3jZklp2eKom7GBobnhwnBrFkAn0zD
zSFcBgntLgfSa+xlGCczKCil
=CVzi
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

227. [htaprs] Re: d7a message question

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Thu, 24 Feb 2000 16:11:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67793-2000.02.24-16.10.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Dave VanHorn" <dvanhorn@cedar.net>
> At 04:37 PM 2/24/2000 -0500, Jeff Griffin wrote:
> >THD7A
> >how do you
> >kill that message so you can resend it in it's entirety.
>
> You don't.
> There is no way to kill sent messages.

However, you can cancel a current unacked message from finishing its
remaining number of transmissions. Go into the message list, and press the
A/B band switch (which is also the delete key). This changes the status of
the message from " + " (unacked and sends remaining in the queue) to " . " -
which means essentially unacked and timed-out. " * " means the message was
acked (before the expiration of the 5-send limit).

You could cancel the incorrect message, then while in the message list,
displaying that current message, press the MSG button again. That brings up
that callsign and message in the "compose" mode, allowing you to make the
changes you want in order to send it again.

But Dave is correct, once a message is in the message list, it cannot be
manually *removed* from the list... you must wait for it to "scroll" out as
newer messages replace older ones. The list holds the 16 most recent
messages sent/received.

Jim N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

228. [htaprs] Just a comment

From: GPersons <railfan@flash.net>
Date: Thu, 24 Feb 2000 19:44:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67843-2000.02.24-19.43.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I understand that this list has blossomed into a discussion list for the D7
and the 700. Please understand I don't want to offend anybody and I know I
leave the list if I desire and all of that. But, I am sure there are many
of us who don't own one of the new Kenwood D700 radios and have no
intention of buying one any time soon.
So here is my question, would it be possible to move the discussion of the
D700 top another list on TAPR? Probably 85-95% of the discussion is on the
D700 now and I delete it all.
Please consider starting another list for the D700 and let us have our D7
list back!

Thanks
73

Gary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

229. [htaprs] Re: Just a comment

From: "Scott Morris" <smorris@mindspring.com>
Date: Thu, 24 Feb 2000 21:09:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67852-2000.02.24-20.07.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gary,

I may be way off base here, and I apologize if I am. But this question was
raised beofre, and the answer was that this forum was geared more towards
the HiTech aprs, ie radios with TNCs. So it seems that HT amy have migrated
to Hi-Tech now. Also if I remember correctly, the email said that this
forum would was any/all new technology for APRS as it came out.

Hope this helps.

Scott
----- Original Message -----
From: GPersons <railfan@flash.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, February 24, 2000 8:44 PM
Subject: [htaprs] Just a comment

> I understand that this list has blossomed into a discussion list for the
D7
> and the 700. Please understand I don't want to offend anybody and I know I
> leave the list if I desire and all of that. But, I am sure there are many
> of us who don't own one of the new Kenwood D700 radios and have no
> intention of buying one any time soon.
> So here is my question, would it be possible to move the discussion of the
> D700 top another list on TAPR? Probably 85-95% of the discussion is on the
> D700 now and I delete it all.
> Please consider starting another list for the D700 and let us have our D7
> list back!
>
> Thanks

> 73
>
> Gary
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

230. [htaprs] Re: Just a comment

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Thu, 24 Feb 2000 20:09:48 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67853-2000.02.24-20.09.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "GPersons" <railfan@flash.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, February 24, 2000 7:44 PM
Subject: [htaprs] Just a comment

> So here is my question, would it be possible to move the discussion of the
> D700 top another list on TAPR? Probably 85-95% of the discussion is on the
> D700 now and I delete it all.
> Please consider starting another list for the D700 and let us have our D7
> list back!

Gary, that's extremely short sighted... the two radios are so similar, that any information about one or the other is bound to benefit all Kenwood APRS radio owners. For example, the information on my D700 page that I spent many hours creating is applicable to the D7 in many areas... so D7 only owners benefit too. The traffic is low enough on this sig, that to require a separate list for each particular radio would be unnecessary and inconvenient. You'd likely still end up seeing the messages anyway by way of the crossposting that would ensue.

And now a gentle suggestion of my own: if all this is still a problem for you, use a mailer that offers filtering or message rules... and learn how to use them. Or the other alternative would be: find an area or feature of the D7 that interests you, research it deeply, and post related messages to balance out the sig traffic.

Jim N0RMO
http://home.netcom.com/~jimgill/tmd700a.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

231. [htaprs] D700 Crossband

From: "Mike Cox" <ki5df@home.com>
Date: Fri, 25 Feb 2000 04:29:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67929-2000.02.25-04.30.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone got the D700 to function as a crossband repeater, while "A" band is running aprs, and "B" band is on 70cm? I tried last evening and went through the steps listed in the manual. Each time I got to the point of turning on the "crossband repeater" function, I could toggle it on but it wouldn't take. Wondering if maybe it won't do crossband while in aprs mode?

I'm helping in a demo at the National Wx service on saturday and was thinking of using the crossband feature to help get the handheld signal get out of the building better.

Thanks,

73 Mike KI5DF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] Re: D700 Crossband

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 25 Feb 2000 07:25:08 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67943-2000.02.25-07.23.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Has anyone got the D700 to function as a crossband repeater, while "A"
band
> is running aprs, and "B" band is on 70cm?
> Wondering if maybe it won't do crossband while in aprs mode?
> I'm helping in a demo at the National Wx service on saturday and was
> thinking of using the crossband feature to help get the handheld signal
get
> out of the building better.
> 73 Mike KI5DF

A couple of questions: were you trying to use the handheld as a voice radio, or were you using a D7 or HT/TNC with APRS? I don't actually know if APRS mode and Crossband Repeat can be on at the same time... but they're just functionally mutually-exclusive anyway.

If using an HT on voice through the D700 while in APRS mode and crossband repeater mode, it wouldn't be good practice to use the APRS frequency for voice use. In that case, you might choose a separate VHF freq for your voice work through the mobile... but then you wouldn't (likely) have any digis available on that frequency to make use of the APRS feature, so it might as well be off anyway.

If you're trying to get an APRS signal from the HT through the mobile and out of the building, just leave them both on 144.39, and use the digipeater that is built in to the D700's TNC. In the APRS menu, there is a setting for Digipeater ON or OFF. You then set UIDIGI to the generic aliases that you want to digipeat on. There's no need for crossbanding in that case.

Unless I missed what you were trying to do, those two possibilities should just about cover it.

Jim N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

233. [htaprs] Kenwood PDF manuals

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 25 Feb 2000 08:18:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67951-2000.02.25-08.17.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm sorry if I missed someone else posting this, but the D700 manuals are back at Kenwood's FTP site.

http://216.98.255.24/Amateur/Instruction%20Manuals/TMD700A.pdf

http://216.98.255.24/Amateur/Instruction%20Manuals/TMD700A_Specialized.pdf

Don't forget to reassemble the complete text of each URL if they get line-wrapped.

Jim N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

234. [htaprs] Re: D700 Crossband

From: "Don Boekenkruger" <donb@direct.ca>
Date: Fri, 25 Feb 2000 08:06:19 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67968-2000.02.25-10.02.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As I've not yet had a chance the luxury of playing with a D700 I can't tell
you one way or the other... But on a few occasions I've used an Alinco
DR-610 to crossband APRS traffic from 144.39 over to a UHF simplex frequency
and vice versa, so my D7A could hear/talk APRS while in a bad location,
worked wonderful...   Of course the DR-610 is not an APRS radio, so you
could try turning the APRS mode in the D700 off and just use the radio to
crossband the "aprs packet auido" as it hears it...

Don Boekenkruger, VE7CBT
ve7cbt@home.com

----- Original Message -----
From: "Mike Cox" <ki5df@home.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, February 25, 2000 2:29 AM
Subject: [htaprs] D700 Crossband

> Has anyone got the D700 to function as a crossband repeater, while "A"
band
> is running aprs, and "B" band is on 70cm? I tried last evening and went
> through the steps listed in the manual. Each time I got to the point of
> turning on the "crossband repeater" function, I could toggle it on but it
> wouldn't take. Wondering if maybe it won't do crossband while in aprs
mode?
>
> I'm helping in a demo at the National Wx service on saturday and was
> thinking of using the crossband feature to help get the handheld signal
get
> out of the building better.
>
> Thanks,
>
> 73 Mike KI5DF
>
>
> ---
> You are currently subscribed to htaprs as: DONB@DIRECT.CA
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

235. [htaprs] Re: D700 Crossband

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 25 Feb 2000 10:28:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-67976-2000.02.25-10.27.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Of course the DR-610 is not an APRS radio, so you
> could try turning the APRS mode in the D700 off and just use the radio to
> crossband the "aprs packet auido" as it hears it...
> Don Boekenkruger, VE7CBT
> ve7cbt@home.com

Don, the TMD700A has Digipeat capability built in to the TNC, even when in
APRS mode. No need to crossband... just put all radios on 144.39, set
DIGIPEAT ON and UIDIGI RELAY (or whatever appropriate alias as needed) in
the D700, and let your HT or other APRS rig digi right through the D700.
Let the radio work as it was designed, plus you'll free up the second band
of the mobile for voice work on other frequencies instead of tying it up for
crossbanding.

The only thing to look out for using the UIDIGI method (compared to your
crossband setup) is that if the HT inside the building is having a hard time
hearing APRS traffic from outside, then it may not receive all traffic from
other stations on the local net. You might have to add WIDE to UIDIGI to
make sure packets make it in the building from the mobile to the HT

(assuming that the mobile didn't hear a packet at its last hop with no more left to get inside). Using the crossband audio method assures that whatever the mobile heard outside, the HT will always hear inside, regardless if there was another hop left or not.

You just have to consider the tradeoffs in whatever method you choose.

Jim N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

236. [htaprs] Garmin emap to THD7?

From: G7GUO@aol.com
Date: Fri, 25 Feb 2000 16:43:14 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68019-2000.02.25-15.42.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got a Garmin emap. It is great! Does anyone know where I might get a cable to connect it to my THD7 please?

73, Simon.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

237. [htaprs] of interest to this list...small GPS unit

From: David Vrona <n9qnz@arrl.net>
Date: Fri, 25 Feb 2000 18:16:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68034-2000.02.25-18.15.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.pharosgps.com/product/igps180.pdf

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

238. [htaprs] Re: D700 Crossband

From: PETEAMAR@aol.com
Date: Fri, 25 Feb 2000 19:28:22 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68037-2000.02.25-18.26.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, Pete here, KD4SPW, in Ft. Pierce, FL.

I have never tried crossband repeat, neither voice nor packet. I have wanted a way to send all APRS packets heard on local RF to my TH-D7A HT. I thought there would be a problem with the time it may take the crossbander to recognize an incoming signal. I expected this to possibly cause loss of the beginning of the packet from being crossed to the other frequency.

It is good to here that the Alinco will work. I guess I'll have to try that new Kenwood TM-V7A I have as an APRS crossbander.

Bye de Pete, KD4SPW.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

239. [htaprs] Re: D700 Crossband

From: John Vause <jdv@iglou.com>
Date: Fri, 25 Feb 2000 20:33:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-68047-2000.02.25-19.31.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I once tried crossbanding APRS packets through a Yaesu FT51R to 144.390
with a TNC attached to an Alinco DJ-S41 on UHF.
It worked X-banding UHF APRS packets to VHF and VHF APRS packets to UHF
but I needed to use TXD >500 msec on the TNCs(I used KPC-3
and KPC3+ TNCs).

Check the transmitter rise time on the radio you use as an APRS
crossbander. The slower the rise time spec, the more TXD you'll need.

Also check for over-deviation (adjust tnc-to-radio audio drive levels)
for best results.

73

PETEAMAR@aol.com wrote:
>
>   Hi, Pete here, KD4SPW, in Ft. Pierce, FL.
>
>   I have never tried crossband repeat, neither voice nor packet. I have
> wanted a way to send all APRS packets heard on local RF to my TH-D7A HT. I
> thought there would be a problem with the time it may take the crossbander to
> recognize an incoming signal. I expected this to possibly cause loss of the
> beginning of the packet from being crossed to the other frequency.
>
>   It is good to here that the Alinco will work. I guess I'll have to try
> that new Kenwood TM-V7A I have as an APRS crossbander.
>
>   Bye de
> Pete, KD4SPW.
>
--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots

"Nobody is completely worthless. He can always serve as a bad
example."   That seems to have been said about Bill Clinton, but I
cannot find out by whom. - Colonel Jeff Cooper, October 1999
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

240. [htaprs] Re: Garmin emap to THD7?

From: "Walter Dunckel" <walter@radiohound.com>
Date: Fri, 25 Feb 2000 21:16:49 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68073-2000.02.25-23.13.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The E-Map uses a "special" cable. It is not compatible with the Garmin III+
etc units (which have aftermarket parts available). Since the E-Map is
relatively new, I suspect your only option is to buy a Garmin Emap cable.
They are advertised at the GPS Store for $35. You can get there by following
this link to the handheld accessories page.

http://www.thegpsstore.com/site/

Walter
http://www.radiohound.com

----- Original Message -----
From: <G7GUO@aol.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, February 25, 2000 1:43 PM
Subject: [htaprs] Garmin emap to THD7?

> I just got a Garmin emap. It is great! Does anyone know where I might get
a
> cable to connect it to my THD7 please?
>   73, Simon.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

241. [htaprs] Re: htaprs digest: February 25, 2000

From: va3jtr@rac.ca
Date: Sat, 26 Feb 2000 09:50:58 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68104-2000.02.26-08.49.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have done this several times for demonstrations and
such, but I don't have a D700. I have my KPC-3
connected to my V7A, and set the aliases to RELAY and
WIDE. It worked quite nicely digipeating right into the
college. Incidentally, I have left the Aliases set up,
and when I want the KPC to digi, I just log in remotely
from my location inside the college, and turn the UIDIGI
ON or OFF. Kinda slick!

J.

Quoting TAPR Hot Technology APRS digest
<htaprs@lists.tapr.org>:

>
> Subject: Re: D700 Crossband
> From: "Jim Gill" <jimgill@ix.netcom.com>
> Date: Fri, 25 Feb 2000 10:28:59 -0600
> X-Message-Number: 5
>
> > Of course the DR-610 is not an APRS radio, so you
> > could try turning the APRS mode in the D700 off and
just use the radio to
> > crossband the "aprs packet auido" as it hears it...
> > Don Boekenkruger, VE7CBT
> > ve7cbt@home.com
>
> Don, the TMD700A has Digipeat capability built in to
the TNC, even when in
> APRS mode. No need to crossband... just put all
radios on 144.39, set
> DIGIPEAT ON and UIDIGI RELAY (or whatever appropriate
alias as needed) in
> the D700, and let your HT or other APRS rig digi right
through the D700.
> Let the radio work as it was designed, plus you'll
free up the second band
> of the mobile for voice work on other frequencies
instead of tying it up
> for
> crossbanding.
>
> The only thing to look out for using the UIDIGI method
(compared to your
> crossband setup) is that if the HT inside the building
is having a hard
> time
> hearing APRS traffic from outside, then it may not
receive all traffic from
> other stations on the local net. You might have to
add WIDE to UIDIGI to
> make sure packets make it in the building from the
mobile to the HT
> (assuming that the mobile didn't hear a packet at its
last hop with no more
> left to get inside). Using the crossband audio method
assures that
> whatever
> the mobile heard outside, the HT will always hear
inside, regardless if
> there was another hop left or not.
>
> You just have to consider the tradeoffs in whatever
method you choose.
>
> Jim N0RMO
>
>

>
> ---
> You are currently subscribed to htaprs as:

va3jtr@rac.ca
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

242. [htaprs] Re: of interest to this list...small GPS unit

From: PETEAMAR@aol.com
Date: Sat, 26 Feb 2000 09:52:44 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68106-2000.02.26-08.51.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi from Pete, KD4SPW, in Ft. Pierce, FL.

Check this out also from the same company making that small GPS.

A prototype Windows CE navigational/tracking computer with high res. 5.7" LCD screen. Also has the Iomega 40 MB CLICK drive. It does not seem to have an attached keyboard though.

http://www.pharosgps.com/product/irudolph.pdf

Bye de Pete, KD4SPW.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

243. [htaprs] Palm IIIx & Palm OS 3.5

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 26 Feb 2000 19:44:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68231-2000.02.27-01.10.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all (I suppose more to Mike than others, but figured others may like to know the answer to this too),

Based on Mike's post the other day, I presume the biggest change in the OS is color support. He also intimated that by doing so, the "unofficial" gray scale Mike's been using in 1.03 and earlier is no longer a part of the OS.

Methinks Mike is either going to have to re-do the maps and program in order to support the new OS or will need a work-around to make existing maps work with a new pocketAPRS and the new OS.

The other side of the coin is those of us using pre-OS 3.5 devices (III, IIIx, IIIe, V series, etc.). Is it worth it for us to upgrade our current devices in order to utilize current releases of our favorire applications, utilities and hacks or do we need to bite the bullet and upgrade our devices to something like the new IIIc (and presumably, new Vc and VIIc devices to follow)? Maybe 3com could offer their loyal users a deal in which we could trade in our recent, still-in-production models for a pro-rata discount on one of the new units? Okay, maybe not. But one can wish, can't one?! 73

```
+-------------------------------------------------------------------+
|Arte Booten  <n2zrc@arrl.net>  AEC for Digital Services-NYC ARES/RACES|
|PGP Key Fingerprint: D677 45CE DCC4 205D 8B23 6CB0 2D13 7D1C B3C2 9596|
|Riverdale, New York   [FN30bu]     !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
+-------------------------------------------------------------------+
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

244. [htaprs] TH-D7 with Rand McNally

From: "Darren Smith" <darrenkaren@pahrump.com>
Date: Sun, 27 Feb 2000 11:35:11
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68269-2000.02.27-11.33.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got the Kenwood TH-D7 Radio. I've heard that Rand McNally's GPS
works with this as it is inexpensive. Does anyone know what kind, IF any,
mods need to be done to make this work? Thanks

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

245. [htaprs] Re: Palm IIIx & Palm OS 3.5

From: "Scott Morris" <smorris@mindspring.com>
Date: Sun, 27 Feb 2000 15:28:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68284-2000.02.27-14.26.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used to work for 3Com, I don't think you'll be able to negotiate that type
of deal. With the number of PalmPilot's out there this would cost too much
for 3Com.

Scott
----- Original Message -----
From: Arte Booten <n2zrc@webspan.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Saturday, February 26, 2000 7:44 PM
Subject: [htaprs] Palm IIIx & Palm OS 3.5

> Hi all (I suppose more to Mike than others, but figured others may like
> to know the answer to this too),
>
>   Based on Mike's post the other day, I presume the biggest change in
> the OS is color support. He also intimated that by doing so, the "unof-
> ficial" gray scale Mike's been using in 1.03 and earlier is no longer a
> part of the OS.
>
>   Methinks Mike is either going to have to re-do the maps and program
> in order to support the new OS or will need a work-around to make exist-
> ing maps work with a new pocketAPRS and the new OS.
>
>   The other side of the coin is those of us using pre-OS 3.5 devices
> (III, IIIx, IIIe, V series, etc.). Is it worth it for us to upgrade our
> current devices in order to utilize current releases of our favorire ap-
> plications, utilities and hacks or do we need to bite the bullet and up-
> grade our devices to something like the new IIIc (and presumably, new Vc
> and VIIc devices to follow)? Maybe 3com could offer their loyal users a
> deal in which we could trade in our recent, still-in-production models
> for a pro-rata discount on one of the new units? Okay, maybe not.   But
> one can wish, can't one?!   73
> +--+
> |Arte Booten <n2zrc@arrl.net> AEC for Digital Services-NYC ARES/RACES|
> |PGP Key Fingerprint: D677 45CE DCC4 205D 8B23 6CB0 2D13 7D1C B3C2 9596|
> |Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
> |Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
> +--+
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

246. [htaprs] female power sockets

From: "Ben & Merridy Lindner" <vk5neb@seol.net.au>
Date: Mon, 28 Feb 2000 08:38:39 +1030
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68294-2000.02.27-16.07.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All from Downunder,

Can some kind person tell where to get hold of the female plug that is on
the end of the battery charger that charges the THD7A. A US contact would be
fine, or if someone is willing to purchase 4 of them for me I will send $US
across for the postage and purchase price and when the money is received
they can be posted out to me.

I have purchased some cables that were offered through the honour system,
these cables were the same that come with the handheld, but of better
quality.
The address was to toast@ cant remeber the rest and his name was Jim
Kalkowski in North Haven CT, if you
are after a reference.

Cheers all Ben VK5JFK in Mt.Gambier, South Australia, Australia
vk5neb@seol.net.au

This email server is running an evaluation copy of the MailShield anti-
spam software. Please contact your email administrator if you have any
questions about this message. MailShield product info: www.mailshield.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

247. [htaprs] Earthquakes - quakeAPRS operational

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 27 Feb 2000 17:15:16 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68314-2000.02.27-19.13.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last month I released a version of quakeAPRS that supplied APRServe with
earthquake data. That version made some incorrect assumptions about how
APRServe worked which resulted in an unnecessary large number of quake objects.

A new version is now operational. Every 30 minutes it sends to APRServe all
quakes with Richter magnitude greater than 5 for the past 2-3 days. This
results in about 10 objects. Send comments and suggestions directly to me.
I developed this in the hopes it would be interesting, useful, and educational.

thanks,
Rich Parry, W9IF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

248. [htaprs] DGPS corrections over the Internet

From: David Cook <dcook@warpnet.net>
Date: Sun, 27 Feb 2000 20:20:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68333-2000.02.27-20.19.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SIGgers:
     I don't know much about this, but thought it is worth
mentioning...especially for those without a DGPS receiver like myself.

http://www.wsrcc.com/wolfgang/gps/dgps-ip.html

--
David Cook - W9GPS
"Why ask why? Drink BudDry!"
New E-mail: dcook@warpnet.net
New Web Homepage: http://members.warpnet.net/dcook/
See where my van is: http://map.aprs.net/w9gps-15

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

249. [htaprs] Re: DGPS corrections over the Internet

From: David Cook <dcook@warpnet.net>
Date: Sun, 27 Feb 2000 21:17:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68344-2000.02.27-21.16.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS SIG:
     This really works! Just download WinDGPS from the site below, plug in
your Garmin GPS (eMap in my case) to your serial port and you've got DGPS.
My eMap reads an accuracy of 12.6 feet at its' best.

David Cook wrote:

> SIGgers:
>   I don't know much about this, but thought it is worth
> mentioning...especially for those without a DGPS receiver like myself.
>
> http://www.wsrcc.com/wolfgang/gps/dgps-ip.html
>
> --
> David Cook - W9GPS
> "Why ask why? Drink BudDry!"
> *New* E-mail: dcook@warpnet.net
> *New* Web Homepage: http://members.warpnet.net/dcook/
> See where my van is: http://map.aprs.net/w9gps-15
>
> ---
> You are currently subscribed to aprssig as: dcook@warpnet.net
> To unsubscribe send a blank email to leave-aprssig-13966I@lists.tapr.org

--
David Cook - W9GPS
"Why ask why? Drink BudDry!"
New E-mail: dcook@warpnet.net
New Web Homepage: http://members.warpnet.net/dcook/
See where my van is: http://map.aprs.net/w9gps-15

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

250. [htaprs] Re: female power sockets

From: "Edward A. Behl" <ed@eabehl.com>
Date: Sun, 27 Feb 2000 22:52:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-68349-2000.02.27-22.01.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben -

This is the closest I can come up with on the power plug. Radio Shack
makes a replacement DC power cord for radar detectors with a cigarette
lighter plug on one end, and 13mm coaxial right-angle plug on the other.
It's a straight-through job with no electronics except a fuse. The
details are on my website. Look for the link at
http://www.eabehl.com/hamradio/
It's either under files and info, or transceiver programming cables.
Look for info on the D7.

I hope that helps.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

251. [htaprs] Wx Data/GPS to single TNC

From: George Carr <amsecllc@telebyte.com>
Date: Mon, 28 Feb 2000 06:31:40 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68400-2000.02.28-09.19.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Request information on the cabling configuration that allows weather
data, currently using the Peet Bros.Ultimeter 2000, and GPS data strings
to be sent simultaneously from both of these units to a single TNC.

An amateur operator told me that he had this information but has
misfiled it so apparently this capability does exist.

In case you were wondering, a weather station with live GPS would be
used on a boat.

Thanks for your help.

George, N7GME

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

252. [htaprs] Re: of interest to this list...small GPS unit

From: David Vrona <dave@vrona.com>
Date: Tue, 29 Feb 2000 11:56:20 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68589-2000.02.29-11.54.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It looks like this little GPS is about $125 or so for single unit quantities.

At 06:16 PM 2/25/00 -0600, David Vrona wrote:
>http://www.pharosgps.com/product/igps180.pdf

--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

253. [htaprs] pocketAPRS compatible with Kenwood D700?

From: "hasan schiers" <schiers@netins.net>
Date: Tue, 29 Feb 2000 15:59:51 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Mike Musick" <mcmusick@anet-stl.com>, <htaprs@tapr.org>
Message-ID: <LYR845-68614-2000.02.29-15.57.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is anyone out there running pocketAPRS with the D700 Kenwood? I'm thinking
about getting the D700, but want to be sure I can use the db9 on the D700
for the "palm" and still be able to plug my gps II+ into the D700 and have
the tnc read the data into GPStext for pocketAPRs to use. The pocket web
site says it is compatible with the handi d7, but nothing about the d700.

Thanks...

hasan schiers
schiers@netins.net
N0AN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

254. [htaprs] Re: Earthquakes - quakeAPRS operational

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 1 Mar 2000 04:42:40 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-68673-2000.02.29-22.45.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>A new version is now operational. Every 30 minutes it sends >to APRServe all quakes with Richter magnitude greater than >5 for the past 2-3 days. This results in about 10 objects. Send >comments and suggestions directly to me. I developed this in >the hopes it would be interesting, useful, and educational.

Realtime Tsunami warnings after coastal or undersea quakes might be useful.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

255. [htaprs] Garmin GPS 12CX

From: ww0e@juno.com
Date: Tue, 29 Feb 2000 23:34:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68676-2000.02.29-23.36.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any problem with the Garmin GPS 12CX -
(NMEA 0183) and the THD7 working together?
Thanks.
Jerry - WW0E   -   ww0e@juno.com

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

March 2000

Original source file: htaprs.0003
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0003

1. [htaprs] Re: Earthquakes - quakeAPRS operational

From: "Dale Huguley" <kg5qd@worldnet.att.net>
Date: Wed, 1 Mar 2000 11:11:34 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68718-2000.03.01-05.10.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All-
    Tsunami warnings are supposedly on the EMWIN feed, but they happen so
rarely I cannot find an example to use for testing the parser to see what it
does with it.

73 de kg5qd Dale
>-----Original Message-----
>From: Wayne H. Sanderson <whsander@erols.com>
>Realtime Tsunami warnings after coastal or undersea quakes might be useful.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] quakeAPRS operational, slight changes made

From: Richard Parry <rparry@qualcomm.com>
Date: Wed, 01 Mar 2000 19:09:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68782-2000.03.01-21.07.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The new version of quakeAPRS has running a few days now. At 30 minute
intervals it supplies to APRServe all earthquakes greater than magnitude 3
on the Richter scale that have occurred within the past 24 hours. This
results in about 10 objects each day. To see the earthquakes, you need to
look at a WORLD map on WinAPRS, MacAPRS, APRS+SA, etc. since most of the
earthquake activity is outside the US, although California is the exception.

The label has been changed slightly from the original version as indicated
below. Brent Hildebrand and myself felt this would be an informative format
that would meet the 9 character limitation.
ddhhmmqMM format where:
dd = day of quake
hh = hour of quake
mm = minute of quake
q = delimiter
MM = quake magnitude without the decimal point

Here is an example APRS quake packet:
W9IF>APRS:;291855q35*291855z3604.80N\11736.00WQMag 3.5 Depth 0.6 km CALIF

If there are questions, comments, or suggestions please email me directly.

thanks,
Rich Parry, W9IF

3. [htaprs] SMA/BNC adapter

From: ww0e@juno.com
Date: Wed, 1 Mar 2000 23:17:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68801-2000.03.01-23.25.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Who stocks the SMA / BNC adapter (for the THD7) ?
Thanks.
Jerry - WW0E   -   ww0e@juno.com

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Re: SMA/BNC adapter

From: "Mike Cox" <ki5df@home.com>
Date: Thu, 2 Mar 2000 04:25:03 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-68829-2000.03.02-04.33.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Associated Radio in Overland Park, Ks does. I bought two of them there last
year when I purchased my TH-D7.

73 Mike KI5DF

> Who stocks the SMA / BNC adapter (for the THD7) ?
> Thanks.
> Jerry - WW0E   -   ww0e@juno.com
>
> ____
> >
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: SMA/BNC adapter

From: RASNM@aol.com
Date: Thu, 2 Mar 2000 06:06:52 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-68831-2000.03.02-05.05.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

AES........ I got one from them last year.

 <A HREF="http://www.aesham.com">Amateur Electronic Supply</A>

73- ron- kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] APRS at the Scout Jamboree.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 2 Mar 2000 09:27:41 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-68848-2000.03.02-08.27.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not too early to think about APRS at the Jamboree this summer. A few
years ago I made detail trail maps of the entire Fort A.P.Hill area for
the Jamboree (they are included in the APRSdos Emapsxx.zip distribution).

If any APRS users here on the SIG are into scouting and will be
participating in the Jamboree, plese consider joining the scout-radio SIG
at   scoutradio@onelist.com

Other topics are JOTA and FRS radios in support of scouting.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] Re: [aprssig] APRS at the Scout Jamboree.

From: Brian Mileshosky <n5zgt@swcp.com>
Date: Thu, 2 Mar 2000 08:47:37 -0700 (MST)

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        htaprs@lists.tapr.org
Message-ID: <LYR845-68855-2000.03.02-09.51.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,
        FYI, the National Jamboree takes place not this summer, but in
2001. For all the Scouters out there, the big event for this summer is
the National Order of the Arrow Conference in Knoxville, Tennessee.
        But as you said, it isn't too early to plan for the Jambo! I'll be
staffing K2BSA most likely (awaiting word from National), so it'll be a
great chance to promote Amateur Radio to the Scouting community and meet
lots of people interested in our hobby.
        If you haven't made plans for the Jamboree yet, better hurry! It
is an excellent experience you'll remember for a lifetime. And Amateur
Radio will most certainly be a part of that experience.

In Scouting,
Brian, N5ZGT
Albuquerque, NM
Order of the Arrow Section W5A Secretary
http://www.unm.edu/~brianm

On Thu, 2 Mar 2000, Bob Bruninga wrote:

> Not too early to think about APRS at the Jamboree this summer. A few
> years ago I made detail trail maps of the entire Fort A.P.Hill area for
> the Jamboree (they are included in the APRSdos Emapsxx.zip distribution).
>
> If any APRS users here on the SIG are into scouting and will be
> participating in the Jamboree, plese consider joining the scout-radio SIG
> at   scoutradio@onelist.com
>
> Other topics are JOTA and FRS radios in support of scouting.
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to aprssig as: n5zgt@swcp.com
> To unsubscribe send a blank email to leave-aprssig-11733V@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: [aprssig] APRS at the Scout Jamboree.

From: "ELLIOTT, BRUCE" <BRUCE.ELLIOTT@TCCD.NET>
Date: Thu, 2 Mar 2000 12:02:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        htaprs@lists.tapr.org
Message-ID: <LYR845-68864-2000.03.02-12.07.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I understand that the K2BSA repeater in Dallas now has ATV capabilities.
Will these be used?
Bruce Elliott
KC5KYJ

-----Original Message-----
From: Brian Mileshosky [mailto:n5zgt@swcp.com]
Sent: Thursday, March 02, 2000 9:48 AM
To: TAPR Hot Technology APRS
Cc: TAPR APRS Special Interest Group; htaprs@lists.tapr.org
Subject: [htaprs] Re: [aprssig] APRS at the Scout Jamboree.

Hi Bob,
        FYI, the National Jamboree takes place not this summer, but in
2001. For all the Scouters out there, the big event for this summer is
the National Order of the Arrow Conference in Knoxville, Tennessee.
        But as you said, it isn't too early to plan for the Jambo! I'll be
staffing K2BSA most likely (awaiting word from National), so it'll be a
great chance to promote Amateur Radio to the Scouting community and meet

lots of people interested in our hobby.
        If you haven't made plans for the Jamboree yet, better hurry! It
is an excellent experience you'll remember for a lifetime. And Amateur
Radio will most certainly be a part of that experience.

In Scouting,
Brian, N5ZGT
Albuquerque, NM
Order of the Arrow Section W5A Secretary
http://www.unm.edu/~brianm

On Thu, 2 Mar 2000, Bob Bruninga wrote:

> Not too early to think about APRS at the Jamboree this summer. A few
> years ago I made detail trail maps of the entire Fort A.P.Hill area for
> the Jamboree (they are included in the APRSdos Emapsxx.zip distribution).
>
> If any APRS users here on the SIG are into scouting and will be
> participating in the Jamboree, plese consider joining the scout-radio SIG
> at   scoutradio@onelist.com
>
> Other topics are JOTA and FRS radios in support of scouting.
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to aprssig as: n5zgt@swcp.com
> To unsubscribe send a blank email to leave-aprssig-11733V@lists.tapr.org
>
>

You are currently subscribed to htaprs as: bruce.elliott@tccd.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: [aprssig] APRS at the Scout Jamboree.

From: Brian Mileshosky <n5zgt@swcp.com>
Date: Thu, 2 Mar 2000 11:44:22 -0700 (MST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Message-ID: <LYR845-68881-2000.03.02-12.43.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Pardon the posts to the two mailing lists...there has been a 2 meter
repeater there at the Jamboree, but it has been only voice. In 1997 there
was a voice net every evening. As for ATV, I can't answer that because
the repeater set up at Fort AP Hill, Virginia is temporary. So I don't
know what kind of capabilities it will have this year as of yet.

Since the Jambo is so huge (30,000-40,000 Scouts and Scouters from all
over the US and the world), I'm sure K2BSA will have many demonstrations
of the different Amateur modes available. So ATV will most likely be
there one way or another.

And let me mention that the National Jamboree takes place every 4
years...a couple people were wondering about that. :-)

Looking forward to a great time with Amateur Radio and Scouting!

73,
Brian, N5ZGT
http://www.unm.edu/~brianm

On Thu, 2 Mar 2000, ELLIOTT, BRUCE wrote:

> I understand that the K2BSA repeater in Dallas now has ATV capabilities.
> Will these be used?
> Bruce Elliott
> KC5KYJ
>

> -----Original Message-----
> From: Brian Mileshosky [mailto:n5zgt@swcp.com]
> Sent: Thursday, March 02, 2000 9:48 AM
> To: TAPR Hot Technology APRS
> Cc: TAPR APRS Special Interest Group; htaprs@lists.tapr.org
> Subject: [htaprs] Re: [aprssig] APRS at the Scout Jamboree.
>
>
> Hi Bob,
>   FYI, the National Jamboree takes place not this summer, but in
> 2001. For all the Scouters out there, the big event for this summer is
> the National Order of the Arrow Conference in Knoxville, Tennessee.
>   But as you said, it isn't too early to plan for the Jambo! I'll be
> staffing K2BSA most likely (awaiting word from National), so it'll be a
> great chance to promote Amateur Radio to the Scouting community and meet
> lots of people interested in our hobby.
>   If you haven't made plans for the Jamboree yet, better hurry! It
> is an excellent experience you'll remember for a lifetime. And Amateur
> Radio will most certainly be a part of that experience.
>
> In Scouting,
> Brian, N5ZGT
> Albuquerque, NM
> Order of the Arrow Section W5A Secretary
> http://www.unm.edu/~brianm
>
> On Thu, 2 Mar 2000, Bob Bruninga wrote:
>
> > Not too early to think about APRS at the Jamboree this summer. A few
> > years ago I made detail trail maps of the entire Fort A.P.Hill area for
> > the Jamboree (they are included in the APRSdos Emapsxx.zip distribution).
> >
> > If any APRS users here on the SIG are into scouting and will be
> > participating in the Jamboree, plese consider joining the scout-radio SIG
> > at   scoutradio@onelist.com
> >
> > Other topics are JOTA and FRS radios in support of scouting.
> >
> > de WB4APR, Bob
> >
> >
> >
> > ---
> > You are currently subscribed to aprssig as: n5zgt@swcp.com
> > To unsubscribe send a blank email to leave-aprssig-11733V@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: bruce.elliott@tccd.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Pin Outs

From: "Darren Smith" <darrenkaren@pahrump.com>
Date: Fri, 3 Mar 2000 13:55:25
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69061-2000.03.03-13.54.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a Kenwood TH-7D radio and the Rand McNally GPS. What I need is the
pin puts of the GPS reciever. Does anyone have them????
Thanks 73
KD7HRP
Darren

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] TM-D700 question

From: "Keith Maton" <feek@bigfoot.com>
Date: Sat, 4 Mar 2000 11:36:27 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69152-2000.03.04-05.35.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I took delivery of a TM-D700E last weekend, but the VS-3 voice synth arrived
a week later.

I've spent a lot of time programming the radio. Does installing the VS-3
cause a reset to happen?

Thanks.

73
Keith
G6NHU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Re: TM-D700 question

From: "Mark A. Foley" <na4v@hom.net>
Date: Sat, 4 Mar 2000 07:07:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69154-2000.03.04-06.07.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No it doesn't..you just have to set the voice options....
Mark, NA4V
-----Original Message-----
From: Keith Maton <feek@bigfoot.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Saturday, March 04, 2000 6:36 AM
Subject: [htaprs] TM-D700 question

>I took delivery of a TM-D700E last weekend, but the VS-3 voice synth
arrived
>a week later.
>
>I've spent a lot of time programming the radio. Does installing the VS-3
>cause a reset to happen?
>
>Thanks.
>
>73
>Keith
>G6NHU
>
>
>---
>You are currently subscribed to htaprs as: na4v@hom.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Re: TM-D700 question

From: "Mike Cox" <ki5df@home.com>
Date: Sat, 4 Mar 2000 06:11:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69155-2000.03.04-06.17.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Keith Maton said:
> I took delivery of a TM-D700E last weekend, but the VS-3 voice synth
arrived
> a week later.
>
> I've spent a lot of time programming the radio. Does installing the VS-3
> cause a reset to happen?

>
Keith, I'm not sure if it will reset the radio or not. Kenwood does have the
programing software on their web site. You could set it up and "read" the
radio to save your settings then install the VS-3. Then you could reprogram
the radio easily if needed.

Just a thought. Good luck,

73 Mike KI5DF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: TM-D700 question

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Sat, 4 Mar 2000 09:16:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69159-2000.03.04-08.16.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike,

 I installed the VS-3 last week also. The radio did not require a reset but
I have it backed up by the Kenwood software just in case!

  Dwight

-----Original Message-----
From: Mike Cox [mailto:ki5df@home.com]
Sent: Saturday, March 04, 2000 7:11 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: TM-D700 question

Keith Maton said:
> I took delivery of a TM-D700E last weekend, but the VS-3 voice synth
arrived
> a week later.
>
> I've spent a lot of time programming the radio. Does installing the VS-3
> cause a reset to happen?
>
Keith, I'm not sure if it will reset the radio or not. Kenwood does have the
programing software on their web site. You could set it up and "read" the
radio to save your settings then install the VS-3. Then you could reprogram
the radio easily if needed.

Just a thought. Good luck,

73 Mike KI5DF

You are currently subscribed to htaprs as: hazen@indiana.edu
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] RE: TM-D700 question

From: "Keith Maton" <feek@bigfoot.com>
Date: Sat, 4 Mar 2000 19:09:02 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69180-2000.03.04-13.08.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Mark, and all the others - It's all in and working nicely.

73
Keith

>
> No it doesn't..you just have to set the voice options....
> Mark, NA4V
> -----Original Message-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] D-700 mini DIN pin out?????

From: David Vrona <n9qnz@arrl.net>
Date: Sat, 04 Mar 2000 13:43:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69182-2000.03.04-13.42.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Does anybody know the pin out for ALL 6 pins on the D-700 mini DIN connector.

The diagram on page 35 of the manual doesn't help enough.

Shouldn't one of those pins provide power?

I'm trying to pull off 5 volts to supply that small Pharos GPS
(www.pharosgps.com) that I posted about a few days ago.

thanks,
dave
--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: D-700 mini DIN pin out?????

From: "Edward A. Behl" <ed@eabehl.com>
Date: Sat, 04 Mar 2000 20:48:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-69217-2000.03.04-19.46.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

David -

The pin-out of the 6-pin mini DIN connector used for the TNC interface
on Kenwood and other "packet ready" FM rigs is based on an ISO standard.
Pin 1 - Tx Audio
Pin 2 - Signal Ground
Pin 3 - PTT
Pin 4 - 9600 baud Rx Audio
Pin 5 - 1200 baud Rx Audio
Pin 6 - Squelch Control Out

Power is not available from any pin per se; however, you may be able to
"steal" a small amount of power from the Squelch line, which is a TTL
level output which indicates when the squelch has been opened by a
detected RF signal.

Check the links below for details:
  http://freeweb.pdq.net/medcalf/ztx/wire/6minidin.html
  http://www.packetradio.org/trad/yft8000r.gif
  http://www.sedan.org/0imgs/5060.jpg

Good luck & 73!

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Wideband RX on D700

From: "Karl G6ODT" <g6odt@yahoo.com>
Date: Sun, 5 Mar 2000 10:21:44 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69258-2000.03.05-04.23.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi ,

Does anybody know why the wideband rx is disabled in
the non US/Canada versions of the TM-D700 ?

73 Karl G6ODT
g6odt@yahoo.com
http://members.tripod.com/~g6odt/packet.html
http://backdoor.to/g6odt

24hr Digi 144.800 Relay,Wide,Irth,G6ODT

_____

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

http://im.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Remote messaging with D700

From: "Karl G6ODT" <g6odt@yahoo.com>
Date: Sun, 5 Mar 2000 10:21:36 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69259-2000.03.05-04.25.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wonder if anybody has played with sending and retrieving messages
from the TM-D700 ?
I can send messages using the D7 command AMSG but I also need to capture
incomming messages and delete them from the memory.

Also how to youget the radio to report back which band has PTT.
Also how does the command PC work with the 700 ?
With band A on High power if I send PC 0 it reports PC0,1 but with band B
set to Meduim or Low power sending PC 1 reports PC1,1 .
With the D7 the 2nd figure indicates the power setting. (0-High 1-error 2-Low
,3-EL).
I have part of the form in my program that looks like the display so that's why
I'm
trying to find the power and PTT settings so I can get the labels to change on
screen.

Many thanks for your assistance.

73 Karl G6ODT
g6odt@yahoo.com
http://members.tripod.com/~g6odt/packet.html
http://backdoor.to/g6odt

24hr Digi 144.800 Relay,Wide,Irth,G6ODT

_____

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

http://im.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] RE: Wideband RX on D700

From: "Keith Maton" <feek@bigfoot.com>
Date: Sun, 5 Mar 2000 11:29:07 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Karl G6ODT" <g6odt@yahoo.com>
Message-ID: <LYR845-69263-2000.03.05-05.27.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No, but it's easy enough to expand the TM-D700E

Take the bottom cover off. Snip the green wire.

Sorted.

And don't forget that this will reset the wireless.

73
Keith, G6NHU
--
> Hi ,
>
> Does anybody know why the wideband rx is disabled in
> the non US/Canada versions of the TM-D700 ?
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Waypoints fm D700 to Garmin II+

From: "hasan schiers" <schiers@netins.net>
Date: Sun, 5 Mar 2000 07:19:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69271-2000.03.05-07.19.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm a VERY happy new owner of the D700. I'll write up some comments later,
but suffice it to say, "WOW"!

The only feature I cannot seem to get to work the way I expect it to is the
automatic transfer of stations from the D700 to my Garmin II+ as waypoints.

1. I'm running a Palm IIIx.
2. D700 is in TNC Packet mode
3. The waypoint is turned on to NMEA 9 in D700 menu.
4. I have a 3 wire connect using the supplied cable (D700) to my Garmin.

Everything else works perfectly with the Palm IIIx and pocketAPRS. What a
dream mobile station! I get a nice smooth gps track on the maps, I see the
gps data coming in on the monitor screen of the Palm. My position reports go
out just fine....everything is just ducky.

Perhaps in TNC Packet mode the data is not output to the gps? Or have I
missed some parameter? From the way I read the manual, it seems to me that
when I receive a valid position from any station on the d700, that data is
supposed to be translated to the proper nmea format and read by the Garmin
gps II+ (2.07 firmware), and displayed on the map screen with 9 characters
as a waypoint. (I don't really have a "map" on the II+, just a tracking
screen. Maybe that is the problem, it won't even show relative
position...but I did expect it to do so.

This is a "curiousity, not important at all. I would never use the II+ for
any practical map tracking...it's just that the "feature" looks like it's
supposed to be there, and it doesn't seem to work.

Tnx

73

hasan schiers
schiers@netins.net
N0AN

hasan schiers
schiers@netins.net
N0AN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Diamond Antenna

From: "Ben & Merridy Lindner" <vk5neb@seol.net.au>
Date: Mon, 6 Mar 2000 02:58:45 +1030
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69280-2000.03.05-10.26.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

Has anyone one used the Diamond SRH519
antenna on their THD7A? if so, what length is the antenna and what sort of
performance do you get compared to the original .

Any info greatly appreciated.

Cheers all Ben VK5JFK, Mt Gambier, Sth Australia
vk5neb@seol.net.au

This email server is running an evaluation copy of the MailShield anti-
spam software. Please contact your email administrator if you have any
questions about this message. MailShield product info: www.mailshield.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] TH-D7 Accessories

From: "Myrt Webb" <mwwebb@cyberport.net>
Date: Sun, 5 Mar 2000 09:33:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69282-2000.03.05-10.32.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just received my new TH-D7- pretty neat.

But the factory antenna is a dog. Anybody know of a source for accessories
for the TH-D7?

Looked at the HRO catalog but I did not see much.

Myrt in MT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] RE: TH-D7 Accessories

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 5 Mar 2000 10:02:36 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69289-2000.03.05-12.02.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been reading about the TH-D7A factory antenna as being a dog. That
certainly is not the case with mine. I have two of these radios and I am
very pleased with the factory rubber duck antenna. It certainly works a lot
better than my old HT which was an ICOM W21AT. I also like the flexibility
of the antenna.

One comment I can make on this antenna and the SMA connector is that I went

skiing last weekend and had the radio in my jacket inside pocket and the antenna almost fell off. Apparently the constant up and down motion unscrewed the antenna and when I reached into my pocket to pull the radio out, the antenna came off. So, just a word of caution for the active outdoors users of this radio.

I am completely satisfied with this radio and highly recommend it. Am still waiting for an HT like the TH-D7A with a built in GPS like the Garmin III+ with maps. Boy, wouldn't that be neat for a small tracker. It would also be neat if this radio could be used as a portable digi on a mountain top. Just dreaming........

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Myrt Webb
> Sent: Sunday, March 05, 2000 8:34 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] TH-D7 Accessories
>
>
> Just received my new TH-D7- pretty neat.
>
> But the factory antenna is a dog. Anybody know of a source for accessories
> for the TH-D7?
>
> Looked at the HRO catalog but I did not see much.
>
> Myrt in MT
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: TH-D7 Accessories

From: "Chris Arndt" <carndt@slonet.org>
Date: Sun, 05 Mar 2000 12:03:33 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69305-2000.03.05-14.12.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've got a couple of aftermarket antennas I've been using. I was pretty happy with the stubby Maldol Active Hunters we run on our FT 51Rs, so I have a similar Comet MH-209SMA that's almost identical, but with an SMA connector. It's about the same in performance as the stock stick, at half the length, and more flexible. It works OK for me around town.

I have another one, also. It took me a while to find it the first time, and it took me a while to find it again today. (Manufacturers should really figure out how to label their HT antennas. Maldol did it to the Active Hunter, but Comet didn't label either of these antennas.)

It's a Comet SMA24. It looks similar to a Diamond RH77CA, but 2" longer (17") and about half the diameter, with an SMA connector on it. The whip is the diameter of a pencil lead and pretty flexible (I can coil it into a 2.5" diameter circle to stick in my fanny pack). From the slightly thicker 4" section at the bottom, it might be a collinear design.

Go to the AES site and look for these on the Comet page.
http://www.aesham.com/cmt.shtml and ctrl-F (Find) for SMA.

MAHA makes some rechargeable battery packs for the D7A. They have a 9.6 volt NiMH with the same AH as the stock NiCd pack, so you can get higher Tx power with the same battery life, and it charges OK on the Kenwood chargers. I have the Kenwood AA case, too. It only holds 4 cells and the Tx

output is kinda wimpy.

BTW, the D7A, my GPS III+, cables, spare antennas and batteries, lighter plug etc. fit pretty well in one of those Rat Shack "communications" fanny packs with the radio pocket on the outside.

Hope this helps.

73,

Chris KD6DSI

********** REPLY SEPARATOR **********

On 3/5/00, at 8:35 AM, Myrt Webb wrote:

>Just received my new TH-D7- pretty neat.
>
>But the factory antenna is a dog. Anybody know of a source for accessories
>for the TH-D7?
>
>Looked at the HRO catalog but I did not see much.
>
>Myrt in MT
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] Re: TH-D7 Accessories

From: Tom Busch <tomb@kiva.net>
Date: Sun, 05 Mar 2000 18:00:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69317-2000.03.05-16.54.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm using the Comet SMA-503. Got it from R&L in Cincinnati, http://www.randl.com/. It performs much better than the factory HT, but it also picks up birdies from my old GPS while it is trying to acquire too. Poo! (the VHF AIP seems to help this.)

The one disconcerting thing about it is that it is much slimmer than the original, and will tend to deform if you put too much of a kink into it. (Like when you put a jacket on over it while wearing the HT.) It can be bent back, and I don't think I've hurt its performance any. I'm just afraid one day it'll come apart.

TomB

At 09:33 AM 3/5/00 -0700, Myrt Webb wrote:
>Just received my new TH-D7- pretty neat.
>
>But the factory antenna is a dog. Anybody know of a source for accessories
>for the TH-D7?
>
>Looked at the HRO catalog but I did not see much.
>
>Myrt in MT
>
>
>---
>You are currently subscribed to htaprs as: tomb@kiva.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] More on the Small GPS....

From: Paul Breed <Paul@rasdoc.com>
Date: Sun, 05 Mar 2000 18:53:35 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69335-2000.03.05-19.11.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I ordered one of their GPS units.
http://www.pharosgps.com/product/igps180.pdf

It comes with the Cable terminated in a DB-9 and a PS-Mouse connector.

The GPS wants +5V on pin 4 and GND on pin 3 of the PS-2 mouse connector.
I went to Radio Shack and purchased their Mouse extension cable.
When I cut the extension cable open it was color coded...

Black= pin 1
Brown = pin 2
Red = pin3
Orange=pin 4
Yellow= pin 5
Green =pin 6

So I put 5V on the Orange lead and grounded the Red lead.
The DB9 seems to have the same pin-out as my Garmin adaptor cable,
so no Null modem was needed.
The GPS came up at 4800 baud 8,n,1

Without changing it's configuration it sends the following messages:
$GPGGA
$GPRMC
$GPGSA
$GPGSV

The manual with the unit is extremely lacking..... not even a pinout,
but the unit is tiny and seems to work well.

Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Complete uncorrelated list of D700 commands

From: "John \"Chris\" Wren" <jcwren@jcwren.com>
Date: Sun, 5 Mar 2000 22:21:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69350-2000.03.05-21.20.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got a little bored a few days ago, so I wrote a small Perl script to
probe the radio for all commands that contain alpha-only characters. It
tests all possible command combinations from 1 to 5 letters, containing only
the letters A-Z (no lowercase, seems irrelevant). I know many of these
commands are documented on Jim Gills site
(http://home.netcom.com/~jimgill/tmd700a.htm). I haven't had the time in
the last few days to correlate these to the known commands, but I know
through some experimentation that a number of the commands listed don't
appear in any lists I've found. If you want to figure out what they do, and
let me know, I'll add it to the spreadsheet I'm building. I do know of
several commands that appear in the TH-D7a that don't appear in the D700,
and vice versa. Look at www.kd4dts.com/amateur/radios/tmd700/index.html in
a few days to find this list, and a Excel spreadsheet with what I know so
far.

    I let it run up through 'BGWPMF' before I aborted the test so I could
actually install the radio in a vehicle. I didn't find any 4 letter
commands past VVOL, none in the 5 letter group range, and none in the 6
letter group range that I tested up through. I pretty much trust the
software, since it did find every command that is documented in Jim Gills
list (take that for what you will, it's only software).

    A command was considered as existing if it returned anything except a

'?<CR>', which indicates the radio doesn't know what it means. All commands the radio knows about return 'N<CR>' if improper parameters are supplied. Note that some commands are not valid unless the radio is in a certain mode (I can't remember what they were, but there were two that were ignored if the radio wasn't in VFO mode when the command is issued). Note that the script doesn't test *through* the TNC, so any possible TNC specific commands won't be listed. If a command returns more that one line of data, I edited down to one command per line.

    There are 6 commands that timed out that have something to do with the SSTV. I haven't had time to research those (not much interest, to be honest!).

    If you have any questions, feel free to e-mail me. I'll provide the Perl script to anyone that asks (it'll probably wind up on the afore-mentioned web page if more than two people are interested...) It's written for Linux (serial ports), but *easily* ports to Windoze with the serial port library.

    (161 commands are listed below, if you didn't want to count them yourself...)

    -- Chris, KD4DTS

```
Fri Feb 25 12:46:35 2000: Got something - AD (AD 0)
Fri Feb 25 12:46:36 2000: Got something - AG (N)
Fri Feb 25 12:46:37 2000: Got something - AI (AI 1)
Fri Feb 25 12:46:38 2000: Got something - BC (BC 1,1)
Fri Feb 25 12:46:39 2000: Got something - BY (N)
Fri Feb 25 12:46:41 2000: Got something - CH (CH 0)
Fri Feb 25 12:46:42 2000: Got something - CP (CP 0)
Fri Feb 25 12:46:43 2000: Got something - CR (N)
Fri Feb 25 12:46:44 2000: Got something - CT (CT 0)
Fri Feb 25 12:46:45 2000: Got something - CW (N)
Fri Feb 25 12:46:46 2000: Got something - DL (DL 1)
Fri Feb 25 12:46:47 2000: Got something - DM (N)
Fri Feb 25 12:46:48 2000: Got something - DS (DS 0)
Fri Feb 25 12:46:49 2000: Got something - DW (DW BUF
1,01240050000,6,0,0,0,0,0,09,0010,09,000000000,0)
Fri Feb 25 12:46:51 2000: Got something - FL (FL
00118,00135,00136,00199,00136,00174,00200,00299,00300,00399,00300,00399,0040
0,00523,00400,00469,00800,01299)
Fri Feb 25 12:46:52 2000: Got something - FQ (FQ 01240050000,6)
Fri Feb 25 12:46:53 2000: Got something - GC (N)
Fri Feb 25 12:46:54 2000: Got something - GM (N)
Fri Feb 25 12:46:55 2000: Got something - GU (GU 0)
Fri Feb 25 12:46:57 2000: Got something - ID (ID TM-D700)
Fri Feb 25 12:46:59 2000: Got something - LK (LK 0)
Fri Feb 25 12:47:00 2000: Got something - MC (N)
Fri Feb 25 12:47:01 2000: Got something - MD (MD 0)
Fri Feb 25 12:47:02 2000: Got something - MP (N)
Fri Feb 25 12:47:03 2000: Got something - MR (N)
Fri Feb 25 12:47:04 2000: Got something - MW (N)
Fri Feb 25 12:47:06 2000: Got something - NP (NP 0)
Fri Feb 25 12:47:07 2000: Got something - OS (OS 000000000)
Fri Feb 25 12:47:08 2000: Got something - PC (N)
Fri Feb 25 12:47:09 2000: Got something - PF (N)
Fri Feb 25 12:47:10 2000: Got something - PM (PM 0)
Fri Feb 25 12:47:11 2000: Got something - PP (PP RELAY,WIDE)
Fri Feb 25 12:47:12 2000: Got something - PS (PS 1)
Fri Feb 25 12:47:13 2000: Got something - PT (PT 2)
Fri Feb 25 12:47:15 2000: Got something - PV (N)
Fri Feb 25 12:47:16 2000: Got something - RC (RC 0)
Fri Feb 25 12:47:17 2000: Got something - RX (RX)
Fri Feb 25 12:47:18 2000: Got something - SC (SC 0)
Fri Feb 25 12:47:19 2000: Got something - SM (N)
Fri Feb 25 12:47:20 2000: Got something - SQ (N)
Fri Feb 25 12:47:20 2000: Skipping SR
Fri Feb 25 12:47:21 2000: Got something - ST (ST 6)
Fri Feb 25 12:47:23 2000: Got something - TH (TH 0)
Fri Feb 25 12:47:24 2000: Got something - TN (TN 09)
Fri Feb 25 12:47:25 2000: Got something - TO (TO 0)
Fri Feb 25 12:47:25 2000: Skipping TT
Fri Feb 25 12:47:25 2000: Skipping TX
Fri Feb 25 12:47:26 2000: Got something - TZ (TZ 24)
Fri Feb 25 12:47:27 2000: Got something - UP (UP BUF
1,01240075000,6,0,0,0,0,0,09,0010,09,000000000,0)
Fri Feb 25 12:47:28 2000: Got something - VO (N)
Fri Feb 25 12:47:29 2000: Got something - VR (N)
```

```
Fri Feb 25 12:47:30 2000: Got something - VW (N)
Fri Feb 25 12:47:33 2000: Got something - ABC (ABC 0)
Fri Feb 25 12:47:38 2000: Got something - AIP (AIP 0)
Fri Feb 25 12:47:41 2000: Got something - AMR (AMR 0)
Fri Feb 25 12:47:43 2000: Got something - APO (APO 0)
Fri Feb 25 12:47:45 2000: Got something - ARL (ARL 0000)
Fri Feb 25 12:47:46 2000: Got something - ARO (ARO 1)
Fri Feb 25 12:47:48 2000: Got something - ASC (N)
Fri Feb 25 12:47:53 2000: Got something - BCN (BCN 0)
Fri Feb 25 12:47:55 2000: Got something - BEP (BEP 1)
Fri Feb 25 12:48:04 2000: Got something - BUF (N)
Fri Feb 25 12:48:11 2000: Got something - CIN (CIN)
Fri Feb 25 12:48:15 2000: Got something - CNT (CNT 08)
Fri Feb 25 12:48:19 2000: Got something - CTD (N)
Fri Feb 25 12:48:20 2000: Got something - CTN (CTN 09)
Fri Feb 25 12:48:25 2000: Got something - DCS (DCS 0)
Fri Feb 25 12:48:29 2000: Got something - DIG (DIG 0)
Fri Feb 25 12:48:30 2000: Got something - DIM (DIM 1)
Fri Feb 25 12:48:33 2000: Got something - DMN (N)
Fri Feb 25 12:48:37 2000: Got something - DTB (DTB 0)
Fri Feb 25 12:48:38 2000: Got something - DTM (DTM 0)
Fri Feb 25 12:48:39 2000: Got something - DTX (DTX 0)
Fri Feb 25 12:49:33 2000: Got something - ICO (ICO 0,0)
Fri Feb 25 12:50:10 2000: Got something - LAN (N)
Fri Feb 25 12:50:30 2000: Got something - MAC (MAC 7)
Fri Feb 25 12:50:32 2000: Got something - MCL (N)
Fri Feb 25 12:50:35 2000: Got something - MES (MES HELLO !!)
Fri Feb 25 12:50:39 2000: Got something - MHZ (MHZ 0)
Fri Feb 25 12:50:40 2000: Got something - MIN (N)
Fri Feb 25 12:50:46 2000: Got something - MNA (N)
Fri Feb 25 12:50:49 2000: Got something - MON (MON 0)
Fri Feb 25 12:50:54 2000: Got something - MSH (N)
Fri Feb 25 12:50:59 2000: Got something - MYA (N)
Fri Feb 25 12:51:00 2000: Got something - MYC (MYC NOCALL)
Fri Feb 25 12:51:02 2000: Got something - NAR (N)
Fri Feb 25 12:51:30 2000: Got something - PIN (N)
Fri Feb 25 12:51:33 2000: Got something - PMM (PMM 0)
Fri Feb 25 12:51:53 2000: Got something - RBN (RBN 9)
Fri Feb 25 12:51:54 2000: Got something - RCA (RCA 0)
Fri Feb 25 12:51:55 2000: Got something - RCC (RCC 000)
Fri Feb 25 12:51:57 2000: Got something - REP (REP 0)
Fri Feb 25 12:51:59 2000: Got something - REV (REV 0)
Fri Feb 25 12:52:06 2000: Got something - RSC (RSC 7)
Fri Feb 25 12:52:07 2000: Got something - RSV (RSV )
Fri Feb 25 12:52:12 2000: Got something - SCC (SCC NOCALL)
Fri Feb 25 12:52:14 2000: Got something - SCR (SCR 0)
Fri Feb 25 12:52:15 2000: Got something - SCT (SCT NOCALL)
Fri Feb 25 12:52:17 2000: Got something - SFT (SFT 0)
Fri Feb 25 12:52:19 2000: Got something - SHT (SHT 0)
Fri Feb 25 12:52:22 2000: Got something - SMC (SMC 7)
Fri Feb 25 12:52:23 2000: Got something - SMY (SMY )
Fri Feb 25 12:52:25 2000: Got something - SPD (N)
Fri Feb 25 12:52:28 2000: Got something - SSL (N)
Fri Feb 25 12:52:29 2000: Got something - SSQ (N)
Fri Feb 25 12:59:54 2000: Over 5 seconds with no good data with command STC
Fri Feb 25 13:00:00 2000: Over 5 seconds with no good data with command STM
Fri Feb 25 13:00:06 2000: Over 5 seconds with no good data with command STP
Fri Feb 25 13:00:12 2000: Over 5 seconds with no good data with command STR
Fri Feb 25 13:00:18 2000: Over 5 seconds with no good data with command STS
Fri Feb 25 13:00:24 2000: Over 5 seconds with no good data with command STT
Fri Feb 25 13:00:46 2000: Got something - TNC (TNC 2)
Fri Feb 25 13:00:48 2000: Got something - TOT (TOT 2)
Fri Feb 25 13:00:52 2000: Got something - TSP (TSP 1)
Fri Feb 25 13:00:56 2000: Got something - TXI (TXI 4)
Fri Feb 25 13:00:57 2000: Got something - TYD (TYD 1,2,0F,1,,1)
Fri Feb 25 13:01:04 2000: Got something - ULC (N)
Fri Feb 25 13:01:07 2000: Got something - UPR (UPR APK101)
Fri Feb 25 13:01:14 2000: Got something - VCS (VCS 0)
Fri Feb 25 13:01:19 2000: Got something - VMC (N)
Fri Feb 25 13:01:21 2000: Got something - VOM (VOM 0)
Fri Feb 25 13:01:24 2000: Got something - VSC (VSC 0)
Fri Feb 25 13:01:25 2000: Got something - VSM (VSM 2)
Fri Feb 25 13:01:30 2000: Got something - WAY (WAY 0)
Fri Feb 25 13:04:45 2000: Got something - ABLG (ABLG )
Fri Feb 25 13:07:30 2000: Got something - AMGG (AMGG ALL,QST,CQ,KWD)
Fri Feb 25 13:07:38 2000: Got something - AMSG (N)
Fri Feb 25 13:08:50 2000: Got something - ARLM (ARLM )
Fri Feb 25 13:12:34 2000: Got something - BEPT (BEPT 3)
Fri Feb 25 13:16:52 2000: Got something - BVOL (BVOL 5)
```

Fri Feb 25 13:20:58 2000: Got something - CKEY (CKEY 0)
Fri Feb 25 13:25:11 2000: Got something - DATE (DATE 000225)
Fri Feb 25 13:25:13 2000: Got something - DATP (DATP 0)
Fri Feb 25 13:25:43 2000: Got something - DCSD (N)
Fri Feb 25 13:25:44 2000: Got something - DCSN (DCSN 0010)
Fri Feb 25 13:29:53 2000: Got something - DTBA (DTBA 0)
Fri Feb 25 13:44:10 2000: Got something - FUNC (FUNC 1)
Fri Feb 25 13:46:21 2000: Got something - GDAT (N)
Fri Feb 25 14:16:14 2000: Got something - KILO (KILO 0)
Fri Feb 25 14:21:55 2000: Got something - LDEL (N)
Fri Feb 25 14:23:20 2000: Got something - LIST (N)
Fri Feb 25 14:28:22 2000: Got something - MCNT (MCNT 0)
Fri Feb 25 14:32:05 2000: Got something - MPNA (N)
Fri Feb 25 14:33:25 2000: Got something - MUTE (MUTE 0)
Fri Feb 25 14:37:56 2000: Got something - NMSG (N)
Fri Feb 25 14:48:22 2000: Got something - PAMB (PAMB 0)
Fri Feb 25 14:51:22 2000: Got something - PKSA (PKSA 0)
Fri Feb 25 14:52:24 2000: Got something - POSC (POSC 00)
Fri Feb 25 14:52:25 2000: Got something - POSF (N)
Fri Feb 25 15:03:22 2000: Got something - REPH (REPH 0)
Fri Feb 25 15:11:54 2000: Got something - SKTN (SKTN 09)
Fri Feb 25 15:12:24 2000: Got something - SMSG (SMSG)
Fri Feb 25 15:13:48 2000: Got something - SSEL (SSEL 1)
Fri Feb 25 15:14:02 2000: Got something - STAT (N)
Fri Feb 25 15:14:17 2000: Got something - STXR (STXR 0)
Fri Feb 25 15:16:58 2000: Got something - TEMP (TEMP 0)
Fri Feb 25 15:17:59 2000: Got something - TIME (TIME 1517)
Fri Feb 25 15:23:41 2000: Got something - UDIG (UDIG RELAY)
Fri Feb 25 15:26:03 2000: Got something - UMSG (UMSG 1)
Fri Feb 25 15:26:48 2000: Got something - UPOS (UPOS 1)
Fri Feb 25 15:35:16 2000: Got something - VVOL (VVOL 5)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] More on the Small GPS....

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 06 Mar 2000 02:26:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69390-2000.03.06-02.25.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is the price? I don't see it mentioned.

Mark

At 06:53 PM 3/5/00 -0500, Paul Breed wrote:
>
>I ordered one of their GPS units.
>http://www.pharosgps.com/product/igps180.pdf
>
>It comes with the Cable terminated in a DB-9 and a PS-Mouse connector.
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: More on the Small GPS....

From: Paul Breed <Paul@rasdoc.com>
Date: Mon, 06 Mar 2000 06:05:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69413-2000.03.06-05.58.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:26 AM 3/6/00 -0600, you wrote:

>What is the price? I don't see it mentioned.
>
>Mark

$125.00

Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] RE: Waypoints fm D700 to Garmin II+

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 6 Mar 2000 09:36:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69428-2000.03.06-08.35.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin does not adhere to the NMEA standard. In order to transfer
waypoints, you must change the interface protocol in the Garmin GPS unit to
their proprietary protocol. After transferring waypoint info, switch it
back.

I don't know why garmin did this. They screwed-up an otherwise fine product
line.

Good luck
Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of hasan schiers
Sent: Sunday, March 05, 2000 8:19 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Waypoints fm D700 to Garmin II+

I'm a VERY happy new owner of the D700. I'll write up some comments later,
but suffice it to say, "WOW"!

The only feature I cannot seem to get to work the way I expect it to is the
automatic transfer of stations from the D700 to my Garmin II+ as waypoints.

1. I'm running a Palm IIIx.
2. D700 is in TNC Packet mode
3. The waypoint is turned on to NMEA 9 in D700 menu.
4. I have a 3 wire connect using the supplied cable (D700) to my Garmin.

Everything else works perfectly with the Palm IIIx and pocketAPRS. What a
dream mobile station! I get a nice smooth gps track on the maps, I see the
gps data coming in on the monitor screen of the Palm. My position reports go
out just fine....everything is just ducky.

Perhaps in TNC Packet mode the data is not output to the gps? Or have I
missed some parameter? From the way I read the manual, it seems to me that
when I receive a valid position from any station on the d700, that data is
supposed to be translated to the proper nmea format and read by the Garmin
gps II+ (2.07 firmware), and displayed on the map screen with 9 characters
as a waypoint. (I don't really have a "map" on the II+, just a tracking
screen. Maybe that is the problem, it won't even show relative
position...but I did expect it to do so.

This is a "curiousity, not important at all. I would never use the II+ for
any practical map tracking...it's just that the "feature" looks like it's
supposed to be there, and it doesn't seem to work.

Tnx

73

hasan schiers
schiers@netins.net
N0AN

hasan schiers
schiers@netins.net
N0AN

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] RE: Waypoints fm D700 to Garmin II+

From: "bob" <w2g3zfj@unix.asb.com>
Date: Mon, 6 Mar 2000 09:58:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69439-2000.03.06-08.58.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Richard

Garmin does comply with the NMEA standard. Waypoints are plotted fine on my GPSIII+ using the standard NMEA input/output and my D7A. Haven't got my D700 yet but I'm sure that will work as well (I hope!).

73 de bob

-----Original Message-----
From: Richard Carter <rich.carter@windriver.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Monday, March 06, 2000 09:32
Subject: [htaprs] RE: Waypoints fm D700 to Garmin II+

>Garmin does not adhere to the NMEA standard. In order to transfer
>waypoints, you must change the interface protocol in the Garmin GPS unit to
>their proprietary protocol. After transferring waypoint info, switch it
>back.
>
>I don't know why garmin did this. They screwed-up an otherwise fine
product
>line.
>
>Good luck
>Rich Carter - KE1EV
>
>-----Original Message-----
>From: bounce-htaprs-14533@lists.tapr.org
>[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of hasan schiers
>Sent: Sunday, March 05, 2000 8:19 AM
>To: TAPR Hot Technology APRS
>Subject: [htaprs] Waypoints fm D700 to Garmin II+
>
>
>I'm a VERY happy new owner of the D700. I'll write up some comments later,
>but suffice it to say, "WOW"!
>
>The only feature I cannot seem to get to work the way I expect it to is the
>automatic transfer of stations from the D700 to my Garmin II+ as waypoints.
>
>1. I'm running a Palm IIIx.
>2. D700 is in TNC Packet mode
>3. The waypoint is turned on to NMEA 9 in D700 menu.
>4. I have a 3 wire connect using the supplied cable (D700) to my Garmin.
>
>Everything else works perfectly with the Palm IIIx and pocketAPRS. What a
>dream mobile station! I get a nice smooth gps track on the maps, I see the
>gps data coming in on the monitor screen of the Palm. My position reports
go
>out just fine....everything is just ducky.
>
>Perhaps in TNC Packet mode the data is not output to the gps? Or have I
>missed some parameter? From the way I read the manual, it seems to me that
>when I receive a valid position from any station on the d700, that data is
>supposed to be translated to the proper nmea format and read by the Garmin
>gps II+ (2.07 firmware), and displayed on the map screen with 9 characters
>as a waypoint. (I don't really have a "map" on the II+, just a tracking
>screen. Maybe that is the problem, it won't even show relative
>position...but I did expect it to do so.
>

>This is a "curiousity, not important at all. I would never use the II+ for
>any practical map tracking...it's just that the "feature" looks like it's
>supposed to be there, and it doesn't seem to work.
>
>Tnx
>
>73
>
>hasan schiers
>schiers@netins.net
>N0AN
>
>
>
>hasan schiers
>schiers@netins.net
>N0AN
>
>
>
>
>---
>You are currently subscribed to htaprs as: rcarter@isi.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Re: htaprs digest: Waypoints fm D700 to Garmin II+

From: "Neil ke6ncx" <ke6ncx@hotmail.com>
Date: Mon, 06 Mar 2000 06:59:02 PST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69440-2000.03.06-08.58.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I own a D7A, not a D700, but I understand they're the same in this way
(along with many others.) The output to the GPS is a feature of the "APRS"
mode. When the TNC is open in the packet mode, n output t the GPS.

Neil Fullagar, KE6NCX

Original msg follows.

  Subject: Waypoints fm D700 to Garmin II+
  From: "hasan schiers" <schiers@netins.net>
  Date: Sun, 5 Mar 2000 07:19:10 -0600
  X-Message-Number: 4

  I'm a VERY happy new owner of the D700. I'll write up some comments later,
  but suffice it to say, "WOW"!

  The only feature I cannot seem to get to work the way I expect it to is
the
  automatic transfer of stations from the D700 to my Garmin II+ as
waypoints.

  1. I'm running a Palm IIIx.
  2. D700 is in TNC Packet mode
  3. The waypoint is turned on to NMEA 9 in D700 menu.
  4. I have a 3 wire connect using the supplied cable (D700) to my Garmin.

  Everything else works perfectly with the Palm IIIx and pocketAPRS. What a
  dream mobile station! I get a nice smooth gps track on the maps, I see the
  gps data coming in on the monitor screen of the Palm. My position reports
go
  out just fine....everything is just ducky.

  Perhaps in TNC Packet mode the data is not output to the gps? Or have I
  missed some parameter? From the way I read the manual, it seems to me that

when I receive a valid position from any station on the d700, that data is supposed to be translated to the proper nmea format and read by the Garmin gps II+ (2.07 firmware), and displayed on the map screen with 9 characters as a waypoint. (I don't really have a "map" on the II+, just a tracking screen. Maybe that is the problem, it won't even show relative position...but I did expect it to do so.

This is a "curiousity, not important at all. I would never use the II+ for any practical map tracking...it's just that the "feature" looks like it's supposed to be there, and it doesn't seem to work.

Tnx

73

hasan schiers
schiers@netins.net
N0AN

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] RE: Waypoints fm D700 to Garmin II+

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 6 Mar 2000 10:17:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69443-2000.03.06-09.15.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can't speak for the latest Garmin units, perhaps they fixed the problem. The NMEA-183 standard defines a protocol for transferring waypoints and routes. Garmin units that I've used do not recognize these sentences, but instead require that the user switch to a proprietary protocol. This must be done by pressing buttons on the Garmin, so it can't even be automated. To my knowledge, Northstar and Magellan are the only popular units that fully comply with NMEA-183.

Rich Carter - KE1EV

-----Original Message-----
From: bob [mailto:w2g3zfj@unix.asb.com]
Sent: Monday, March 06, 2000 9:58 AM
To: Richard Carter; TAPR Hot Technology APRS
Subject: Re: [htaprs] RE: Waypoints fm D700 to Garmin II+

Hi Richard

Garmin does comply with the NMEA standard. Waypoints are plotted fine on my GPSIII+ using the standard NMEA input/output and my D7A. Haven't got my D700 yet but I'm sure that will work as well (I hope!).

73 de bob

-----Original Message-----
From: Richard Carter <rich.carter@windriver.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Monday, March 06, 2000 09:32
Subject: [htaprs] RE: Waypoints fm D700 to Garmin II+

>Garmin does not adhere to the NMEA standard. In order to transfer
>waypoints, you must change the interface protocol in the Garmin GPS unit to
>their proprietary protocol. After transferring waypoint info, switch it
>back.
>
>I don't know why garmin did this. They screwed-up an otherwise fine
product
>line.
>
>Good luck
>Rich Carter - KE1EV

>
>-----Original Message-----
>From: bounce-htaprs-14533@lists.tapr.org
>[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of hasan schiers
>Sent: Sunday, March 05, 2000 8:19 AM
>To: TAPR Hot Technology APRS
>Subject: [htaprs] Waypoints fm D700 to Garmin II+
>
>
>I'm a VERY happy new owner of the D700. I'll write up some comments later,
>but suffice it to say, "WOW"!
>
>The only feature I cannot seem to get to work the way I expect it to is the
>automatic transfer of stations from the D700 to my Garmin II+ as waypoints.
>
>1. I'm running a Palm IIIx.
>2. D700 is in TNC Packet mode
>3. The waypoint is turned on to NMEA 9 in D700 menu.
>4. I have a 3 wire connect using the supplied cable (D700) to my Garmin.
>
>Everything else works perfectly with the Palm IIIx and pocketAPRS. What a
>dream mobile station! I get a nice smooth gps track on the maps, I see the
>gps data coming in on the monitor screen of the Palm. My position reports
go
>out just fine....everything is just ducky.
>
>Perhaps in TNC Packet mode the data is not output to the gps? Or have I
>missed some parameter? From the way I read the manual, it seems to me that
>when I receive a valid position from any station on the d700, that data is
>supposed to be translated to the proper nmea format and read by the Garmin
>gps II+ (2.07 firmware), and displayed on the map screen with 9 characters
>as a waypoint. (I don't really have a "map" on the II+, just a tracking
>screen. Maybe that is the problem, it won't even show relative
>position...but I did expect it to do so.
>
>This is a "curiousity, not important at all. I would never use the II+ for
>any practical map tracking...it's just that the "feature" looks like it's
>supposed to be there, and it doesn't seem to work.
>
>Tnx
>
>73
>
>hasan schiers
>schiers@netins.net
>N0AN
>
>
>
>hasan schiers
>schiers@netins.net
>N0AN
>
>
>
>
>---
>You are currently subscribed to htaprs as: rcarter@isi.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] RE: TH-D7 Accessories

From: Brian Badger <Brian.Badger@wcom.com>
Date: Mon, 06 Mar 2000 10:04:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-69459-2000.03.06-11.01.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Herb Gerhardt, KB7UVC" wrote:

> I am completely satisfied with this radio and highly recommend it. Am still
> waiting for an HT like the TH-D7A with a built in GPS like the Garmin III+
> with maps. Boy, wouldn't that be neat for a small tracker. It would also
> be neat if this radio could be used as a portable digi on a mountain top.
> Just dreaming........

I'm sure there are some SmartGuys at Kenwood and Garmin who have this thought
already. We are still in Gen 1.. just you wait until Gen 2 (oh boy oh boy).

It should also use RTCM dgps corrections received on the APRS frequency. Ooo
Ooo Ooo. And be able to be configured as a dgps base station if you supply
it's exact location, or allow it to figure out it's exact location by averaging
out selective availability.

And it should run Linux, with all of the software open-source.

The D7 is a great radio for what it is... so it's easy to imagine it having
every dream feature imaginable. Still, I don't know how comfortable I'd feel
with an $800 HT on my belt. The D7 is expensive enough as it is that I'm
anxious about dropping it -- an unfortunate event that an HT owner must accept
will happen.
--
Brian, KC0HIR
Mobile in the Miata

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Re: More on the Small GPS....

From: Paul Breed <Paul@rasdoc.com>
Date: Mon, 06 Mar 2000 15:47:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69536-2000.03.06-15.40.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Paul,
>
>Did they send you the wire colors for the serial interface?
>
>The serial connector is potted so it's going to be tough to figure out
>which wires go where.
>
>dave

No I have not yet cut their cable.
My color are the colors in the RadioShack mouse extension cable.
I am going to cut my cable in the next few days....
I'll post the result.

Paul

>At 06:53 PM 3/5/00 -0500, you wrote:
>
>>I ordered one of their GPS units.
>>http://www.pharosgps.com/product/igps180.pdf
>>
>>It comes with the Cable terminated in a DB-9 and a PS-Mouse connector.
>>
>>
>>The GPS wants +5V on pin 4 and GND on pin 3 of the PS-2 mouse connector.
>>I went to Radio Shack and purchased their Mouse extension cable.
>>When I cut the extension cable open it was color coded...
>>
>>Black= pin 1
>>Brown = pin 2
>>Red = pin3
>>Orange=pin 4
>>Yellow= pin 5
>>Green =pin 6
>>
>>So I put 5V on the Orange lead and grounded the Red lead.

>>The DB9 seems to have the same pin-out as my Garmin adaptor cable,
>>so no Null modem was needed.
>>The GPS came up at 4800 baud 8,n,1
>>
>>Without changing it's configuration it sends the following messages:
>>$GPGGA
>>$GPRMC
>>$GPGSA
>>$GPGSV
>>
>>The manual with the unit is extremely lacking..... not even a pinout,
>>but the unit is tiny and seems to work well.
>>
>>Paul (Kl7JG)
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>---
>>You are currently subscribed to htaprs as: n9qnz@arrl.net
>>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>--
>Join our SETI@home team at www.wuies.com
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: More on the Small GPS....

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 6 Mar 2000 16:46:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69537-2000.03.06-15.47.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After you cut the cable (leave enough wire from the plug) use your volt ohm
meter to figure out the 9 pin to wire color on the discard end of the cable.

This should tell you what you need to know.

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Paul Breed [SMTP:Paul@rasdoc.com]
> Sent: Monday, March 06, 2000 3:47 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: More on the Small GPS....
>
>
> >Paul,
> >
> >Did they send you the wire colors for the serial interface?
> >
> >The serial connector is potted so it's going to be tough to figure out
> >which wires go where.
> >
> >dave
>
> No I have not yet cut their cable.
> My color are the colors in the RadioShack mouse extension cable.
> I am going to cut my cable in the next few days....

> I'll post the result.
>
> Paul
>
>
>
> >At 06:53 PM 3/5/00 -0500, you wrote:
> >
> >>I ordered one of their GPS units.
> >>http://www.pharosgps.com/product/igps180.pdf
> >>
> >>It comes with the Cable terminated in a DB-9 and a PS-Mouse connector.
> >>
> >>
> >>The GPS wants +5V on pin 4 and GND on pin 3 of the PS-2 mouse connector.
> >>I went to Radio Shack and purchased their Mouse extension cable.
> >>When I cut the extension cable open it was color coded...
> >>
> >>Black= pin 1
> >>Brown = pin 2
> >>Red = pin3
> >>Orange=pin 4
> >>Yellow= pin 5
> >>Green =pin 6
> >>
> >>So I put 5V on the Orange lead and grounded the Red lead.
> >>The DB9 seems to have the same pin-out as my Garmin adaptor cable,
> >>so no Null modem was needed.
> >>The GPS came up at 4800 baud 8,n,1
> >>
> >>Without changing it's configuration it sends the following messages:
> >>$GPGGA
> >>$GPRMC
> >>$GPGSA
> >>$GPGSV
> >>
> >>The manual with the unit is extremely lacking..... not even a pinout,
> >>but the unit is tiny and seems to work well.
> >>
> >>Paul (Kl7JG)
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>---
> >>You are currently subscribed to htaprs as: n9qnz@arrl.net
> >>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >--
> >Join our SETI@home team at www.wuies.com
> >
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] TH-D7A for my first radio?

From: "Dobbs, Mike" <mdobbs@amgen.com>
Date: Mon, 6 Mar 2000 14:31:59 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69543-2000.03.06-16.31.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I'm studying for my first Ham license (Technician) because I want to get
into APRS. I want to build a transponder for my sailboat (Tornado catamaran)

and have the data routed to the internet so friends/family can follow my
near-shore adventures. I already have a Garmin GPS III+ and have been
researching the TH-D7A as the best overall choice for the project.

Is this unit "too much radio" for a beginner? I know it's expensive, but to
get all the components separately used, I'd still be spending ~$200...with
the additional hassle of all the cabling, less-compactness etc.. This is
important because it's all got to fit into a portable watertight Pelican box
with a minimum of fuss. I feel I can make good use of the TH-D7A on the
water, on the road and on the hiking trails to justify the cost.

Mike Dobbs

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: More on the Small GPS....

From: Jonathan Kaplan <jonk@jskent.com>
Date: Mon, 06 Mar 2000 14:53:13 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69545-2000.03.06-16.51.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:46 PM 03/06/2000 -0500, Hazen, Dwight L wrote:
>After you cut the cable (leave enough wire from the plug) use your volt ohm
>meter to figure out the 9 pin to wire color on the discard end of the cable.
>
>
> This should tell you what you need to know.
>
>   Dwight

I just ordered two units plus their 12volt adapter which they just got, They
also promised to send me a pin-out chart. I'll let you know what I find
when I get the order.

Jonathan KO6XS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Re: TH-D7A for my first radio?

From: "Edward A. Behl" <ed@eabehl.com>
Date: Mon, 06 Mar 2000 18:07:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-69549-2000.03.06-17.04.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike -

> Is this unit "too much radio" for a beginner?

In a word, no. Aside from the integral TNC and APRS software, the TH-D7
is otherwise comparable to other dual-receiver dual-band H-T's on the
market. In fact, there are some notable "standard" dual-bander features
that the D7 is lacking. Noticeably missing are cross-band repeat, and
the ability to tune UHF or out-of-band VHF frequencies on both
receivers. But at only about $60 more than competitive units, the D7
with a 12/96 TNC and APRS terminal is a bargain.

For the primary marine application you describe, the D7 should be a
perfect fit, and it isn't too complicated for the new ham. Prepare for a
substantial learning curve with APRS in general. Get in touch with
existing hams who are active and seasoned in APRS, and ask lots of
questions; and you'll be fine. Because APRS is a relatively new
technology, and still quite evolutionary, you should have no problem
finding fellow hams eager to help.

Good luck with your test and your tracker project!

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] TH-D7A & APRS status messages

From: Dave Zarzycki <dave@thor.sbay.org>
Date: Mon, 6 Mar 2000 15:17:27 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69553-2000.03.06-17.23.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some of the APRS status messages I receive on my TH-D7A appear to be
truncated on the HT display. How do I access the rest of the status
message? (I have not found anything in the manual yet that explains how to
access the rest of the status message...)

Thanks in advance!

davez

--
Dave Zarzycki KF6ZSS
http://thor.sbay.org/~dave/
http://www.sbay.net/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: TH-D7A for my first radio?

From: rbost@itexas.net (Roy Bost)
Date: Mon, 6 Mar 2000 17:21:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69554-2000.03.06-17.23.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To make the D7 easier to use, download the control program from Kenwood web
site. It's free and sure makes programming the D7 much easier!

Good luck on your exam!

Roy Bost N5TAM
rbost@itexas.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Fwd: Re: More on the Small GPS....

From: Paul Breed <Paul@rasdoc.com>
Date: Mon, 06 Mar 2000 17:33:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69555-2000.03.06-17.27.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I just ordered two units plus their 12volt adapter which they just got, They
>also promised to send me a pin-out chart. I'll let you know what I find
>when I get the order.

They sent me the pin out chart.... as a bmp file.
If anyone wants it I'll forward it to anyone that requests it.

Paul (Kl7JG)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] RE: Waypoints fm D700 to Garmin II+

From: "Thomas Nowicki" <tnowicki@mindspring.com>
Date: Mon, 6 Mar 2000 11:53:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69556-2000.03.06-17.28.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob I agree! I have the GPS III+ and it works great with plotting waypoints
through the D7A. And quell your fears about the D700. The GPS III+ works
great with it, and uses the same cable as the D7A.

Tom KF9JW

----- Original Message -----
From: "bob" <w2g3zfj@unix.asb.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, March 06, 2000 9:58 AM
Subject: [htaprs] RE: Waypoints fm D700 to Garmin II+

> Hi Richard
>
> Garmin does comply with the NMEA standard. Waypoints are plotted fine on
my
> GPSIII+ using the standard NMEA input/output and my D7A. Haven't got my
D700
> yet but I'm sure that will work as well (I hope!).
>
> 73 de bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Re: More on the Small GPS....

From: David Vrona <dave@vrona.com>
Date: Mon, 06 Mar 2000 17:48:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-69559-2000.03.06-17.47.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok. The two wires on the Pharos GPS going to the PS/2 mouse connector are
the yellow and black wires.

The yellow is going to #3 on the Pharos diagram and the black is going to
#4. This is assuming that the diagram is numbered when looking at the pins.

At 06:53 PM 3/5/00 -0500, you wrote:

>I ordered one of their GPS units.
>http://www.pharosgps.com/product/igps180.pdf
>
>It comes with the Cable terminated in a DB-9 and a PS-Mouse connector.
>
>
>The GPS wants +5V on pin 4 and GND on pin 3 of the PS-2 mouse connector.
>I went to Radio Shack and purchased their Mouse extension cable.
>When I cut the extension cable open it was color coded...
>
>Black= pin 1
>Brown = pin 2
>Red = pin3
>Orange=pin 4
>Yellow= pin 5
>Green =pin 6

--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: TH-D7A for my first radio?

From: RASNM@aol.com
Date: Mon, 6 Mar 2000 19:46:22 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69570-2000.03.06-18.45.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 3/6/00 3:34:30 PM US Mountain Standard Time,
mdobbs@amgen.com writes:

<< I want to build a transponder for my sailboat (Tornado catamaran) >>

Mike, I got my first license last year, and picked the D7A as my first radio,
no major regrets. The speaker failed within 2 months but Kenwood fixed it.
The radio is a learning opportunity and I am still learning. I am doing APRS
and hope to do some packet soon. Also New Mexico has a great 2 meter repeater
system.

 <A HREF="http://map.aprs.net/KD5HTY-7">APRServe Find :KD5HTY-7</A>

Though I live in Albuquerque I hope to do some sailing on the Inside Passage
off the coast of BC this year. Where are your home sailing waters?

73-ron-kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Does the Kenwood D700A cover 220MHz

From: Richard Parry <rparry@qualcomm.com>
Date: Mon, 06 Mar 2000 21:57:58 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-69608-2000.03.06-23.56.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Page 90 of the D700A manual (bottom section) says that the "A" receiver
covers 200 to 300 MHz. However, I was unable to tune outside 136-199 MHz. I
want to listen to a portion of the 220MHz band. Am I doing something wrong
or does the D700A not support this band.

thanks,
Rich Parry, W9IF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: TH-D7A for my first radio?

From: "Edward A. Behl" <ed@eabehl.com>
Date: Tue, 07 Mar 2000 06:59:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: HT APRS Reflector <htaprs@lists.tapr.org>
Message-ID: <LYR845-69650-2000.03.07-05.55.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Roy -

It's no longer there. Kenwood apparently put D7 owners on notice that it
was a beta copy that would not be available forever. (I don't remember
being told this by Kenwood, but maybe someone does.)

Now you have to purchase it (street price about $55US) with the PG-4W
package that includes the PC to D7 cable.

73
--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: TH-D7A for my first radio?

From: rbost@itexas.net (Roy Bost)
Date: Tue, 7 Mar 2000 06:31:26 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "HT APRS Reflector" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69651-2000.03.07-06.30.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A quick check of the Kenwood web site shows that the PG-4W kit is now free
with the purchase of an D7 from an authorized dealer

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: Does the Kenwood D700A cover 220MHz

From: Jon Ogden <jono@enteract.com>
Date: Tue, 07 Mar 2000 06:34:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69652-2000.03.07-06.31.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/6/00 11:57 PM, Richard Parry at rparry@qualcomm.com wrote:

> Page 90 of the D700A manual (bottom section) says that the "A" receiver
> covers 200 to 300 MHz. However, I was unable to tune outside 136-199 MHz. I
> want to listen to a portion of the 220MHz band. Am I doing something wrong
> or does the D700A not support this band.

You need to press the "band" button, which I believe is the Function (F) key
plus pressing the volume knob for band A. Or you can use direct frequency
entry from the mic if you have that turned on.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] D7A with an amp

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Tue, 7 Mar 2000 07:49:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69671-2000.03.07-07.49.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone used their D7A with a Mirage dual band amplifier (BD-35)?

Comments? Problems?

Thanx

Flip Minton N9AZZ
fminton@midwest.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] D7 control software location?

From: "Mark D. Conner" <mconner1@home.com>
Date: Tue, 7 Mar 2000 07:57:36 -0600

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69672-2000.03.07-07.56.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've found D700 and V7A control software on Kenwood's FTP site, but nothing
for the D7. Anyone have a link, or is it vaporware?

73 de Mark N9XTN

>Subject: Re: TH-D7A for my first radio?
>From: rbost@itexas.net (Roy Bost)
>
>To make the D7 easier to use, download the control program from Kenwood web
>site. It's free and sure makes programming the D7 much easier!
>
>Good luck on your exam!
>
>Roy Bost N5TAM
>rbost@itexas.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Skycommand and VC-H1 questions

From: "Richard Carter" <rich.carter@windriver.com>
Date: Tue, 7 Mar 2000 09:15:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69676-2000.03.07-08.14.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two questions:

Has anyone used Skycommand?

Obviously, two radios are needed. I'm wondering if the transporter radio
needs to be a D7 or D700. I suspect that almost any Dual UHF receiver and
TNC would work. I'm considering purchasing a TM-V7A for my shack. Buying a
second D700 seems pricey, considering that I already have a TNC.

Has anyone played with SSTV and the D700?

I wonder if the VC-H1 is necessary to do this. I suspect that common PC
hosted SSTV software would work fine with this radio. I suspect that it
could be wired directly into the VC-H1 connector.

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: Skycommand and VC-H1 questions

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 7 Mar 2000 09:57:23 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-69687-2000.03.07-08.58.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 7 Mar 2000, Richard Carter wrote:

> Has anyone used Skycommand?
>
> Obviously, two radios are needed. I'm wondering if the transporter radio
> needs to be a D7 or D700. I suspect that almost any Dual UHF receiver and
> TNC would work. I'm considering purchasing a TM-V7A for my shack. Buying a
> second D700 seems pricey, considering that I already have a TNC.

Yes! this was on my long term do list, but Ill never get around to it.
But with all the sleuthing going on, then any TNC and cheap radio should
be able to be the transceiver interface end of the link. And in fact, any
radio can be used to do the SKYCOMMANDING too. THus it will be easy to

set up remote-bases on the hilltop for anyone to use...

ALl we need to do is publish the commands.. which are probably arelady
fully documented in the existing D7/D700 commmand postings...

GO for it. Let us know...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: TH-D7A for my first radio?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 7 Mar 2000 10:44:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: HT APRS Reflector <htaprs@lists.tapr.org>,
        "':jnaab@indiana.edu'"
 <:jnaab@indiana.edu>
Message-ID: <LYR845-69700-2000.03.07-09.45.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yeah, Great if you are just buying one. Not so good if your serial number is
290 and had to be on a wait list to get a D7. This free deal only applies to
new radios! I sent in my registration card when I first got it, like I was
told to do.. So I am out of luck.

 Seems they could have left the Bata software out on the server anyway as
they are now giving away the production bits for free with the radio. Maybe
at a later date they will post the production program on the server (hint
hint).

 The CD has lots of useful information on it I am told, so the CD and cable
might be a good deal even at $55 dollars.

  Kenwood still has the best web site, (Linux powered!) Keep up the good
work! I cant wait for the D7000 radio to come out! I just got my D700 two
months ago.

  Hey I never did get a Hat! hi, hi..

    Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: rbost@itexas.net [SMTP:rbost@itexas.net]
> Sent: Tuesday, March 07, 2000 7:31 AM
> To: TAPR Hot Technology APRS
> Cc: HT APRS Reflector
> Subject: [htaprs] Re: TH-D7A for my first radio?
>
> A quick check of the Kenwood web site shows that the PG-4W kit is now free
> with the purchase of an D7 from an authorized dealer
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Re: D7A with an amp

From: "Edward A. Behl" <ed@eabehl.com>
Date: Tue, 07 Mar 2000 10:48:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-69701-2000.03.07-09.45.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Flip -

> Has anyone used their D7A with a Mirage dual band amplifier (BD-35)?

I use the D7 occasionally with my BD-25 docking station amp. Though a D7
adaper is not available for the docking station (probably because the
battery release is on the bottom of the rig) it does work fine with the
amp using a BNC/SMA adapter. If you want to run the D7 from the shack
power supply, you need to get one of the radio shack or Kenwood PG-3?
cables.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] Re: Skycommand and VC-H1 questions

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Tue, 7 Mar 2000 08:15:07 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69710-2000.03.07-10.14.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 7 Mar 2000, Richard Carter wrote:

> Two questions:
>
> Has anyone used Skycommand?
>
> Obviously, two radios are needed. I'm wondering if the transporter radio
> needs to be a D7 or D700. I suspect that almost any Dual UHF receiver and
> TNC would work. I'm considering purchasing a TM-V7A for my shack. Buying a
> second D700 seems pricey, considering that I already have a TNC.

Sky Command works great for us as part of our emergency communications for
the city of Costa Mesa, CA. We use it on low power on a quiet simplex
frequency and have had no complaints. The system IDs itself every 10
minutes on UHF (unlike most cross-band repeaters!) so is legal in that
regard.

The system uses UHF for control (via packet radio) and for the auio to be
transmitted on HF. A 2m frequency is used for the audio coming back from
the HF side.

The ARRL has tried to kill Sky Command by asking the FCC to deny Kenwood's
request for a waiver to allow amateur radio operators to use frequencies
in the two-meter amateur service band to remotely control an amateur
station transmitting on high frequency amateur service bands. The ARRL
made comments to the effect that they were representing their membership,
yet almost no one knew that the legality of the Sky Command system was
even at issue. The date for comments expired before the ARRL even
published anything about it! For a list of comments, look up Docket number
DA 99-2805.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] Re: Skycommand and VC-H1 questions

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Tue, 7 Mar 2000 08:19:12 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69712-2000.03.07-10.18.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 7 Mar 2000, Richard Carter wrote:

> Has anyone used Skycommand?

>
> Obviously, two radios are needed. I'm wondering if the transporter radio
> needs to be a D7 or D700. I suspect that almost any Dual UHF receiver and
> TNC would work. I'm considering purchasing a TM-V7A for my shack. Buying a
> second D700 seems pricey, considering that I already have a TNC.

One more thing, Sky Command currently only works with certain Kenwood HF
radios, ones that can be computer controlled, such as the TS-570G. So
don't rush out to buy a second D7A or D700A if you don't already own a
compatible HF radio!

But, as you suggest, the packet control codes used can't be that difficult
to decypher, so I would imagine that anyone could build an interface that
would work with any radio!

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: TH-D7A for my first radio?

From: "Don Boekenkruger" <donb@direct.ca>
Date: Tue, 7 Mar 2000 08:59:57 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69717-2000.03.07-10.57.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> Though I live in Albuquerque I hope to do some sailing on the Inside
Passage
> off the coast of BC this year. Where are your home sailing waters?
>
> 73-ron-kd5hty

We'll be see'n ya... on my D7 that is...

Don Boekenkruger, VE7CBT
Vancouver, British Columbia
donb@burnabyradio.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: D7 control software location?

From: "Jim Gill" <gillj@uswest.net>
Date: Tue, 7 Mar 2000 11:21:17 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69719-2000.03.07-11.20.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Mark D. Conner" <mconner1@home.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, March 07, 2000 7:57 AM
Subject: [htaprs] D7 control software location?

> I've found D700 and V7A control software on Kenwood's FTP site, but
nothing
> for the D7. Anyone have a link, or is it vaporware?
> 73 de Mark N9XTN

Reply from Kenwood regarding this a few weeks ago:

Clifford Uyeda wrote:

> The TH-D7A software (MCP-D7A) was a beta version. With most beta versions
> a final release version usually follows. The final release version is the
> PG-4W kit (CD + cable). Now that the PG-4W is out now, Kenwood pulled the
> beta (courtesy) version off the FTP site. To my knowledge, I think
Kenwood
> is the only manufacturer that provides an FTP site for manuals, software
> and other misc. help files.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: D7 control software location?

From: "John Harmon" <w8dro@newwave.net>
Date: Tue, 7 Mar 2000 12:56:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69723-2000.03.07-11.55.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Why not use the Linux version???

> > I've found D700 and V7A control software on Kenwood's FTP site, but
> nothing
> > for the D7. Anyone have a link, or is it vaporware?
> > 73 de Mark N9XTN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Two Winners: pocketAPRS 1.05 and D700

From: "hasan schiers" <schiers@netins.net>
Date: Tue, 7 Mar 2000 15:36:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69786-2000.03.07-15.35.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm amazed. I was going to buy a kpc3+ to work with my palm IIIx and pocketAPRS, replacing the single port pico-packet that I've run as a dedicated tracker with a Garmin II+ for several years. A local ham (bless him), mentioned that I should take the 180 bucks I was going to spend on the kpc3+, and trade/sell my Kenwood 741 and anything else I had laying around towards the purchase of a D700.

What GREAT advice that was. I got rid of two dual banders and bought the D700 for very close to what I was going to pay for the kpc3+. What a dream rig.

I won't speak to it's internal APRS functionality, because I'm not using it that way. I'm running it as a "conventional" tnc with a computer (read as Palm IIIx) connected to the front panel of the main unit (standard db9 male wiring and connection).

Talk about simple to get going:

1. GPS: Use the supplied sub-mini stereo jack and cable. Splice to the Garmin Data Cable coming from the II+ (RX, TX, Gnd) Plug gps into the D700 and change one menu setting. The default gps data rate and data sentence were as I had already set for my stand alone tracker, so no change was required.

2. Make power connection for radio and gps. (I used cig lighter, as I have for years)

3. Plug Palm IIIx hot-sync cable with null-modem adapter (radio shack) into the D700 db9 connector. (be sure to eliminate all but pins 2,3 and 5 to keep power consumption of the Palm IIIx at a minimum...I just cut them off the null modem adapter.)

4. Set mode on D700 side A to TNC PACKET (not TNC APRS!!). Set 144.390, high power...

5. Execute pocketAPRS (ver 1.05 as of yesterday) on the Palm IIIx. (I did have to change pocketAPRS's computer port speed from 4800 to 9600...the D700 will support no slower than 9600 baud communication between it's computer port and the computer. It will go faster, but not slower.)

Things that are just toooooo slick about the D700 in this configuration:

1. Radio side "A" is now devoted to 144.39 with the TNC. Radio side "B" is

used for all my "normal" fm communication needs. (no matter what freq)

2. All my local repeaters, NWS weather, police, etc are programmed into memory. Either side "A" or "B" can call on this common memory bank.

3. I can be chatting on the local 2m repeater and when the TNC wants to transmit...it just waits...held off in much the same manner as dcd would if the frequency were busy. As soon as I let up on the mike...bbrrrrrrt...out goes the packet...so fast that the voice repeater turnaround is still happening and I haven't missed a peep.

4. The operation of the two sides of the radio (if both are on the same band), is shared automatically such that you get a transparent "feel" as the tnc does its thing while you are either transmitting or listening on the other side of the radio.

5. The menu system is very easy to use, once you understand how to do basic navigation through the menus.

6. The two supplied english manuals are VERY WELL DONE.

THINGS I DON'T LIKE (or would like changed):

1. The mute function doesn't seem to work if you are using TNC Packet mode. (Pressing mute is supposed to mute the speaker of the "half-radio" that does not have the PTT currently assigned to it.). It doesn't work for me and I haven't had any time to play with it to see if both "halves" are running FM voice mode makes it work.

2. Visual scan of memory channels doesn't seem to work on the "B" side when the "A" side is set to packet. It might work...but I can't seem to figure it out. It's supposed to visually scan the memory channels if you are in memory recall mode. I am, I do the keystrokes for memory scan and nothing happens. (This could be operator incompetence.)

3. The manual states that the control head is NOT replaceable. If it is stolen, damaged, or otherwise lost, Kenwood will not replace it at any price, you have to buy an entirely new radio. I'm not sure I understand their position on this, but that's what they plainly state in the manual.

This radio will do so many things that it's downright scary, but setting it up for the basics is quite easy. Memory channel programming and memory naming are very straightforward, as is tone (sub-audible) setting. The ability (with very few and quite obvious keystrokes) to scan an incoming signal for its tone and immediately set your radio to comply is neat... and it works as well for Continuous Tone Coded Squelch and Digital Coded Squelch.

I replaced a very good dual bander, an antenna, and tnc with the D700 (which considerably cleaned up my car), and I have more operational effectiveness than I had before.

And now...on to pocketAPRS 1.05

The changes from 1.03 to 1.05 are numerous and have been posted to the SIG already, so I'll just comment on the two things I like best from that set of improvements and fixes:

1. My mobile now stays as the focus on any magnfication of the map except 64X. I always remain on the map, and my little track droplets show a clear trace of where I have been.

2. A "Find Me" function is available for those times when you aren't watching yourself. One tap on the Palm and the map is redrawn at the current level of magnification with you at the center. Very slick after you have been "mapping around".

The COMBO: pocketAPRS 1.05 and Kenwood D700

I know a LOT of people have been very enthusiastic about the internal APRS capabilities of the D700...and they are, indeed, astonishing. (Very well thought out and comprehensive.) If I had a high-end GPS with high quality downloadable maps and a really nice display, I don't think I would be compelled to use pocketAPRS with the Palm. (Or if I only made short trips and was not interested in messaging much or doing a lot of "map work".) However, since I have a II+ Garmin ver 2.07 firmware, I don't have ANY maps, yet the II+ works very well. Enter pocketAPRS 1.05. I feel nearly as much at home in the car using this fine piece of software. I'm used to flash, and sizzle and functionality up the "wazoo" with WinAPRS. One would think it

would be a big come-down to run any kind of APRS limp-along on a Palm IIIx. Well.....one would be WRONG. pocketAPRS is astounding. It is no crippled imitation, cheap stand-in, or otherwise impostor of the "real thing". It has the feel of WinAPRS...i.e, it is GRAPHICAL in nature and makes rich use of same, to include frequency histograms for heard stations! With its basic functionality I have what I need right in my palm. To a much larger extent, however, I can see, message, count, total, and do all sorts of things that have so cleverly been implemented in WinAPRS (and to some extent it's dos brother).

I had always thought that "mobile" APRS would be a big pain. Laptops are cumbersome and fragile (and expensive). Along comes Kenwood with the D700 and suddenly it ain't so cumbersome and fragile any more, because one doesn't have to have a laptop to get first rate functionality. Internal APRS with the D700 is impressive. Palm based (pocketAPRS) with the D700 is a consummate JOY.

Of course, the D700 IS pricey. That's the downside. That it more than lives up to its pricing, is the upside.

I don't work for Kenwood. I don't work for the Sprouls. I don't work for Bob. I don't work for Mike. I do like their stuff. What fun!

73,
hasan schiers, N0AN
schiers@netins.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Small Pharos GPS and D-700A

From: David Vrona <dave@vrona.com>
Date: Tue, 07 Mar 2000 15:59:09 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69789-2000.03.07-15.58.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here are the color codings for the Pharos GPS located at:

http://www.pharosgps.com/product/igps180.pdf

Orange	TX
Brown	RX
Red	Signal GND
Black	VCC
Yellow	Power GND
Shielding	GND

Please note: the folks at Pharos are not certain these color codings will always be used from shipment to shipment. Also, please refer to the pinout diagram posted earlier to this list.

This pinout worked fine for my unit and it has been working very nicely with my D-700A. I would not recommend that you remove the connectors as I did. Build mating connectors to supply power and make the data connections. All you need is a female mini DIN and a male 9 pin serial connector.

Although I did not do it (yet), I recommend you put a momentary contact switch in the power line to this GPS as that is the only way to reset it. I have not needed to do a reset so far.

It's a nice little GPS, very tiny with a 6' long cable. I think it is priced fairly at $125 and makes for a nice permanent installation. It doesn't have all the bells and whistles of a Garmin GPS 35 or GPS 36 but then it is considerably cheaper as well.

Dave
n9qnz

--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] test only

From: CommSupport@aol.com
Date: Tue, 7 Mar 2000 17:57:50 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69794-2000.03.07-16.56.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

sorry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] TH-D7A Range

From: "Myrt Webb" <mwwebb@cyberport.net>
Date: Tue, 7 Mar 2000 19:34:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69814-2000.03.07-20.33.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The range on my TH-D7A seems very limited. Repeaters I can hit with my
Alinco on low power I cannot reach with high power with my TH-D7A.

Anybody else have this problem? Is there a way to check out the transmitter
on my Kenwood without sending it back to the manufacturer?

Myrt

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Re: TH-D7A Range

From: Jon Ogden <jono@enteract.com>
Date: Tue, 07 Mar 2000 20:40:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69815-2000.03.07-20.38.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/7/00 8:34 PM, Myrt Webb at mwwebb@cyberport.net wrote:

> The range on my TH-D7A seems very limited. Repeaters I can hit with my
> Alinco on low power I cannot reach with high power with my TH-D7A.
>
> Anybody else have this problem? Is there a way to check out the transmitter
> on my Kenwood without sending it back to the manufacturer?

Yeah. Hook it up to a power meter. What's the output power?

Also, the duck on the TH-D7A is known to be pretty much a dummy load. Use
the same antenna on each radio if possible. That will be a good test as
well.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: TH-D7A Range

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Tue, 7 Mar 2000 22:04:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69816-2000.03.07-21.03.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I replaced my stock D7 duck early on with a thin comet antenna that performs
much better.

73
Paul
KR4YL

> Yeah. Hook it up to a power meter. What's the output power?
>
> Also, the duck on the TH-D7A is known to be pretty much a dummy load. Use
> the same antenna on each radio if possible. That will be a good test as
> well.
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: TH-D7A Range

From: "Chris Arndt" <carndt@slonet.org>
Date: Tue, 07 Mar 2000 19:36:05 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69824-2000.03.07-21.33.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Which battery are you using, and how does the output power for that compare
to the Alinco?

********** REPLY SEPARATOR **********

On 3/7/00, at 6:41 PM, Jon Ogden wrote:

>on 3/7/00 8:34 PM, Myrt Webb at mwwebb@cyberport.net wrote:
>
>> The range on my TH-D7A seems very limited. Repeaters I can hit with my
>> Alinco on low power I cannot reach with high power with my TH-D7A.
>>
>> Anybody else have this problem? Is there a way to check out the
>transmitter
>> on my Kenwood without sending it back to the manufacturer?
>
>Yeah. Hook it up to a power meter. What's the output power?
>
>Also, the duck on the TH-D7A is known to be pretty much a dummy load. Use
>the same antenna on each radio if possible. That will be a good test as
>well.
>
>73,
>
>Jon
>KE9NA
>
>-------------------------------------
>Jon Ogden
>KE9NA
>
>Member: ARRL, AMSAT, DXCC, NRA
>
>http://www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: TH-D7A Range

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Tue, 07 Mar 2000 22:23:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69840-2000.03.07-22.22.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Many Ham radio clubs have access to a service monitor or even a simple
SWR/Wattmeter. Either one should give you a indication as to the health of
you HT. Perhaps it's something as simple as the offset not being right or
the CTCSS tone not being selected properly.

73,

Mark
KC7BXS

At 07:34 PM 3/7/00 -0700, Myrt Webb wrote:
>The range on my TH-D7A seems very limited. Repeaters I can hit with my
>Alinco on low power I cannot reach with high power with my TH-D7A.
>
>Anybody else have this problem? Is there a way to check out the transmitter
>on my Kenwood without sending it back to the manufacturer?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: Two Winners: pocketAPRS 1.05 and D700

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 8 Mar 2000 06:21:20 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69862-2000.03.08-00.19.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I won't speak to it's internal APRS functionality, because I'm >not using it that way. I'm running it
as a "conventional" tnc >with a computer (read as Palm IIIx) connected to the front >panel of the main
unit (standard db9 male wiring and >connection).

>1. GPS: Use the supplied sub-mini stereo jack and cable. >Splice to the Garmin Data Cable coming from
the II+ (RX, TX, >Gnd) Plug gps into the D700 and change one menu setting. >The default gps data rate
and data sentence were as I had >already set for my stand alone tracker, so no change was >required.

The GPS port on the radio works even if the TNC is not set for APRS? That would eliminate the need for
HSP cables.
Can the TH-D7a do this? I was under the impression that it would not pass GPS data in or out unless it
was in APRS mode, which would eliminate using an external laptop with only one serial port, which I had
originally intended to do with an older spare Powerbook Duo. Someone please make my day and tell me I'm
wrong.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Re: TH-D7A Range

From: "Larry Bateman" <lbateman@preco.com>
Date: Wed, 08 Mar 2000 06:11:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69874-2000.03.08-07.09.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

** High Priority **

Myrt,

I have three D7A and two of them have had D30 go bad. D30 is a protection diode in the high power
circuit in the D7A. The D7A would transmit in low and medium power but would not transmit in high power.
 This is most likely the problem from your description. Unless you are technically equipped to do this
kind of repair I would suggest that you send it back to Kenwood for repair.

Larry

>>> "Myrt Webb" <mwwebb@cyberport.net> 03/07/00 07:34PM >>>
The range on my TH-D7A seems very limited. Repeaters I can hit with my
Alinco on low power I cannot reach with high power with my TH-D7A.

Anybody else have this problem? Is there a way to check out the transmitter

on my Kenwood without sending it back to the manufacturer?

Myrt

You are currently subscribed to htaprs as: lbateman@preco.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] RE: Small Pharos GPS and D-700A

From: Paul Jacques <PaulJ@minimed.com>
Date: Wed, 8 Mar 2000 05:33:58 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69876-2000.03.08-07.34.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Although I did not do it (yet), I recommend you put a momentary contact
>switch in the power line to this GPS as that is the only way to reset
>it. I have not needed to do a reset so far.

This GPS runs on 3.5 to 5.5 VDC so what did you use to drop the 12VDC from your car battery? I would like to use the Pharos with my D7 but I am trying real hard to cut the amount of cables, connectors, etc. down to put together a truly portable , easy to carry around, GPS-HT combo. Too bad I can't power the GPS from the HT some how.....

Paul, WB6IWT
paulj@rain.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] Re: Two Winners: pocketAPRS 1.05 and D700

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 8 Mar 2000 08:35:24 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69886-2000.03.08-08.38.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For the D700, in TNC PACKET (non-aprs) MODE, the gps data from the gps receiver is processed by the TNC and properly read by the computer running pocketAPRS on the db9 of the d700. HOWEVER, the positions processed as WAYPOINTS by the D700 are NOT sent out to the GPS for display. Apparently only the incoming data is accepted on the D700 in TNC PACKET mode, and no data is output to the GPS for display in this mode. (And, yes, I do have the proper menu item selected to output gps data ...but it does not function in the TNC PACKET mode.

I get the impression from the responses I've seen so far that the VAST majority of D700 owners are running in APRS mode, and not like I'm using it, in the TNC PACKET mode with a computer (or in my case, a PALM IIIx).

I know nothing about the D7....except when it comes time to replace my 10 year old IC-32at (which is still functioning perfectly), I know what I'm gonna buy!

Hope this helps,

73

hasan schiers, N0AN
schiers@netins.net
----- Original Message -----
From: Wayne H. Sanderson <whsander@erols.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Wednesday, March 08, 2000 12:21 AM
Subject: [htaprs] Re: Two Winners: pocketAPRS 1.05 and D700

> The GPS port on the radio works even if the TNC is not set for APRS? That would eliminate the need for HSP cables.
> Can the TH-D7a do this? I was under the impression that it would not pass

GPS data in or out unless it was in APRS mode, which would eliminate using
an external laptop with only one serial port, which I had originally
intended to do with an older spare Powerbook Duo. Someone please make my day
and tell me I'm wrong.
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] RE: Small Pharos GPS and D-700A

From: David Vrona <dave@vrona.com>
Date: Wed, 08 Mar 2000 13:01:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69953-2000.03.08-13.00.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:33 AM 3/8/00 -0800, Paul Jacques wrote:

>   This GPS runs on 3.5 to 5.5 VDC so what did you use to drop the
>12VDC from your car battery? I would like to use the Pharos with my D7 but I
>am trying real hard to cut the amount of cables, connectors, etc. down to
>put together a truly portable , easy to carry around, GPS-HT combo. Too bad
>I can't power the GPS from the HT some how.....

Here's a great suggestion (below) I received from KG4ALG.

This worked like a dream. I bought the regulator and a tiny project box
with included PC board at Radio Shack. Wired it up in about 30 minutes and
it's been working great. I too was tired of using a Garmin handheld in the
car due to all of the cables and connectors

I originally wanted to power the GPS from my D-700 but soon gave up on
that. I have a D7 as well but haven't tried to tackle that setup. This
GPS is small enough to velcro to the side of the D7. Perhaps you could use
a voltage regulator off the D7 battery????

dave

To: David Vrona <dave@vrona.com>
Subject: Re: [htaprs] Re: D-700 mini DIN pin out?????

Dave -

While it might be obvious, may I suggest using a standard 7805 3-pin
regulator IC available from RS and a variety of other sources. These
regulators are "a dime a dozen" -- well, more like $1 apiece. Depending
on current requirements, you can use a standard TO-220 plastic version
made to mount on a heatsink, or the 7805L variety in a TO-92 package
that looks like a regular transistor.

Either will produce a regulated +5V from a wide input voltage range. You
don't need any other external components, unless you want to add a small
filter capacitor on the output. The three pins are input voltage, output
voltage, and ground -- couldn't be much more simple.

I seem to remember some discussion about using this scheme to supply the
operating voltage for TripMate GPS's, which normally run on about 6.5V,
but apparently will work fine at only 5V.

Hope this helps...

73

--
Ed - KG4ALG

--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Controlling msgs on D700 with a PC ?

From: "Karl G6ODT" <g6odt@btinternet.com>
Date: Wed, 8 Mar 2000 21:09:10 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69973-2000.03.08-15.11.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anybody know if there are any commands that I can use
with a PC control program for the TM-D700 to get the number
of stored messages and to delete them ?

I can display incomming messages to the station callsign of the
sending station and can display the messages as I send them from
the program but can't find away of finding the number in the memory
and removing them.
Also noticed that the AMSG command while it'll show both out going
and in comming messages doesn't show the REJ message that the
radio sends to the other station when the memory becomes full.

One other thing is there any way of getting the packet path of the
incomming message so the path can be changed for the out-going
messages ? As a normal user of UI-View this is a useful way of reversing
the path back to the station.

73 Karl G6ODT
g6odt@yahoo.com
http://members.tripod.com/~g6odt/packet.html
http://backdoor.to/g6odt

24hr Digi 144.800 Relay,Wide,Irth,G6ODT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] RE: Controlling msgs on D700 with a PC ?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 8 Mar 2000 16:38:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69976-2000.03.08-15.37.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It sounds like you are thinking along the same lines that I am. I'd like to
use the TM-D700 in APRS mode, but have the ability to connect an external
terminal for displaying, managing, and sending messages. I have not been
able to determine how and if this can be done. I suspect that it can't be
done. This implies that the serial port has no function when in APRS mode;
a pitty!

There are a number of reasons that one would want to operate in this
fashion. My main reason is to avoid using a big notebook in my car. My PDA
is not a Palm-Pilot. A second reason is to avoid conflicts with my serial
port.

Anyone out there have any suggestions?

Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Karl G6ODT
Sent: Wednesday, March 08, 2000 4:09 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Controlling msgs on D700 with a PC ?

Does anybody know if there are any commands that I can use
with a PC control program for the TM-D700 to get the number
of stored messages and to delete them ?

I can display incomming messages to the station callsign of the
sending station and can display the messages as I send them from
the program but can't find away of finding the number in the memory
and removing them.
Also noticed that the AMSG command while it'll show both out going

and in comming messages doesn't show the REJ message that the
radio sends to the other station when the memory becomes full.

One other thing is there any way of getting the packet path of the
incomming message so the path can be changed for the out-going
messages ? As a normal user of UI-View this is a useful way of reversing
the path back to the station.

73 Karl G6ODT
g6odt@yahoo.com
http://members.tripod.com/~g6odt/packet.html
http://backdoor.to/g6odt

24hr Digi 144.800 Relay,Wide,Irth,G6ODT

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] RE: Controlling msgs on D700 with a PC ?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 8 Mar 2000 16:59:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69980-2000.03.08-16.00.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes,

A small keyboard to send messages from the D700 (hey even the D7) is
needed. How about this idea, A key (as in cw) that you plug into the radio
to send messages, no hate mail please. Even cw would be faster to send that
trying to deal with the Mic or keyboard when you are driving!

Just a thought to get people thinking about how to send messages.

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Richard Carter [SMTP:rich.carter@windriver.com]
> Sent: Wednesday, March 08, 2000 4:39 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] RE: Controlling msgs on D700 with a PC ?
>
> It sounds like you are thinking along the same lines that I am. I'd like
> to
> use the TM-D700 in APRS mode, but have the ability to connect an external
> terminal for displaying, managing, and sending messages. I have not been
> able to determine how and if this can be done. I suspect that it can't be
> done. This implies that the serial port has no function when in APRS
> mode;
> a pitty!
>
> There are a number of reasons that one would want to operate in this
> fashion. My main reason is to avoid using a big notebook in my car. My
> PDA
> is not a Palm-Pilot. A second reason is to avoid conflicts with my serial
> port.
>
> Anyone out there have any suggestions?
>
> Rich Carter - KE1EV
>
> -----Original Message-----
> From: bounce-htaprs-14533@lists.tapr.org
> [mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Karl G6ODT
> Sent: Wednesday, March 08, 2000 4:09 PM

> To: TAPR Hot Technology APRS
> Subject: [htaprs] Controlling msgs on D700 with a PC ?
>
>
> Does anybody know if there are any commands that I can use
> with a PC control program for the TM-D700 to get the number
> of stored messages and to delete them ?
>
> I can display incomming messages to the station callsign of the
> sending station and can display the messages as I send them from
> the program but can't find away of finding the number in the memory
> and removing them.
> Also noticed that the AMSG command while it'll show both out going
> and in comming messages doesn't show the REJ message that the
> radio sends to the other station when the memory becomes full.
>
> One other thing is there any way of getting the packet path of the
> incomming message so the path can be changed for the out-going
> messages ? As a normal user of UI-View this is a useful way of reversing
> the path back to the station.
>
> 73 Karl G6ODT
> g6odt@yahoo.com
> http://members.tripod.com/~g6odt/packet.html
> http://backdoor.to/g6odt
>
> 24hr Digi 144.800 Relay,Wide,Irth,G6ODT
>
>
>
> ---
> You are currently subscribed to htaprs as: rcarter@isi.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] RE: Small Pharos GPS and D-700A

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 08 Mar 2000 18:26:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-69987-2000.03.08-17.25.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/8/00 2:01 PM, David Vrona at dave@vrona.com wrote:

> At 05:33 AM 3/8/00 -0800, Paul Jacques wrote:
>
>
>> This GPS runs on 3.5 to 5.5 VDC so what did you use to drop the
>> 12VDC from your car battery? I would like to use the Pharos with my D7 but I
>> am trying real hard to cut the amount of cables, connectors, etc. down to
>> put together a truly portable , easy to carry around, GPS-HT combo. Too bad
>> I can't power the GPS from the HT some how.....
>
> Here's a great suggestion (below) I received from KG4ALG.
>
> This worked like a dream. I bought the regulator and a tiny project box
> with included PC board at Radio Shack. Wired it up in about 30 minutes and
> it's been working great. I too was tired of using a Garmin handheld in the
> car due to all of the cables and connectors
>
> I originally wanted to power the GPS from my D-700 but soon gave up on
> that. I have a D7 as well but haven't tried to tackle that setup. This
> GPS is small enough to velcro to the side of the D7. Perhaps you could use
> a voltage regulator off the D7 battery????

 I just got my D700 yesterday and had it up and running last night ... this
afternoon I sat down and straightened out the kluge of wiring (my old
'mobile' setup was a D7, Garmin II+, and a brick, sharing console sapve with

TM261A , two antennas, etc .... aaaarrrggghhhh!!!!!).

What I did was terminate the Garmin data cord in a DB9 male with the
datawires to 2, 3 and 5, and power to pin 9. I then made a short cable with
the Mouser cord with the 2.5 mm plug set to 2, 3, and 5 of a DB9 Female, and
a piece of red/black 18 ga zip cord to pins 9 and 5. I then carefully tapped
the heavy red/black power wires from the D700 just above the two prong power
connector. I put an in-line .5 amp 3AG fuse/holder in that line too.

Now I just have a simple plug in for the GPS, one wire. I am also running
the entire power for the GPS and D700 through a Radio Shack 20 amp
automotive interference filter (I had had it in place for the D7 and figured
it can't hurt the D700).

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Fate favors the prepared mind." (from "Under Siege 3")

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] RE: Controlling msgs on D700 with a PC ?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 8 Mar 2000 23:38:43 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-70026-2000.03.08-22.38.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 8 Mar 2000, Hazen, Dwight L wrote:

> A small keyboard to send messages from the D700 (hey even the D7) is
> needed. How about this idea, A key (as in cw)

It is actually very easy to do with a PIC chip and a DTMF encoder. Just
convert the keyboard characters to Touch tones (thats how the letters you
enter already on the Mic Key pad get into the radio already...) I posted
this a month ago, so I hope someone is working on it...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] RE: Controlling msgs on D700 with a PC ?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 9 Mar 2000 08:54:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        "Naab, John W"
 <jnaab@indiana.edu>
Message-ID: <LYR845-70079-2000.03.09-07.54.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

 I hope so also, I have my soldering iron and check book ready! I really
like the idea of a ASCII keyboard or cw key as the input device. I know that
the bicycle mobile people have a way to special way to send messages while
on the road. I think they use two push buttons on the handle bars.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----

> From: Bob Bruninga [SMTP:bruninga@nadn.navy.mil]
> Sent: Wednesday, March 08, 2000 11:39 PM
> To: Hazen, Dwight L
> Cc: TAPR Hot Technology APRS
> Subject: Re: [htaprs] RE: Controlling msgs on D700 with a PC ?
>
> On Wed, 8 Mar 2000, Hazen, Dwight L wrote:
>
> > A small keyboard to send messages from the D700 (hey even the D7) is
> > needed. How about this idea, A key (as in cw)
>
> It is actually very easy to do with a PIC chip and a DTMF encoder. Just
> convert the keyboard characters to Touch tones (thats how the letters you
> enter already on the Mic Key pad get into the radio already...) I posted
> this a month ago, so I hope someone is working on it...
>
> bob
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] CD/cable

From: ww0e@juno.com
Date: Thu, 9 Mar 2000 22:24:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70191-2000.03.09-22.35.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Received my PG-4W cable and MCP-D7
CD from Kenwood today.
There's an informative 20+ minute "movie"
about the operations of the THD7 on the CD.
Nice job Kenwood.

Jerry - WW0E   -   ww0e@juno.com

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Problem With D700 Software

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Fri, 10 Mar 2000 13:29:52
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70294-2000.03.10-13.28.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have installed and re-installed the Kenwood D700 software
for loading/unloading the D700 memories, but everytime I try
to execute it all I ever get is an "invalid radio" message.

I have checked all the connections, turned power off before
connecting the radio and followed all the instructions as far
as I know.

Has anyone else had this problem?

Fred Hatfield K8VDU
New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] RE: Problem With D700 Software

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 10 Mar 2000 14:45:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70298-2000.03.10-13.46.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Fred,

 Run a terminal program on your computer. Use the com port and cable to your
radio. Put the tnc into packet mode. Set the terminal program to 9600 baud
and correct com port.

At this point you should see the CMD prompt from the tnc in the radio.

If not (and I suspect this is your problem) you have a com port problem on
the computer . You can check to be sure the cable is not the problem by
jumpering pins 2 and 3 on the com port and typing on the computer key board
(it should echo). If not make sure the com port you are using is good.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Fred Hatfield [SMTP:hatfield@bellsouth.net]
> Sent: Friday, March 10, 2000 8:30 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Problem With D700 Software
>
> I have installed and re-installed the Kenwood D700 software
> for loading/unloading the D700 memories, but everytime I try
> to execute it all I ever get is an "invalid radio" message.
>
> I have checked all the connections, turned power off before
> connecting the radio and followed all the instructions as far
> as I know.
>
> Has anyone else had this problem?
>
> Fred Hatfield K8VDU
> New Orleans
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: Problem With D700 Software

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Fri, 10 Mar 2000 14:9:59
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70305-2000.03.10-14.09.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am really pleased!

I posted my problem message about 2 p.m. and within ten
minutes I had 3 replies! The problem turned out to be
the D700 was in TNC mode when I was trying to access it.
Once I turned off the TNC mode, it worked fine.

Thanks to all you helpful guys -- this is a real impressive
list....

Fred K8VDU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] The CD

From: "Morris Hays" <mhays@snet.net>
Date: Fri, 10 Mar 2000 19:7:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70341-2000.03.10-19.06.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A twenty minute Movie on the CD :**(I wish Kenwood would
retroactively give the guys who supported them in the beginning at least
the opportunity to get the CD for the asking. I'm sure most everyone
already made the cables so they wouldn't have to send them. I have the
literature but never downloaded the program, silly me.
Kell KB1DZN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] RE: Controlling msgs on D700 with a PC ?

From: Adrian Brookes <abrookes@sympatico.ca>
Date: Sat, 11 Mar 2000 01:17:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70375-2000.03.11-00.13.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried sending a msg tonight from my D700 with the address line
having only EMAIL in it for internet access..

Worked - very impressive.

How long a message can I send?

Adrian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] RE: Controlling msgs on D700 with a PC ?

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sat, 11 Mar 2000 07:31:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70425-2000.03.11-07.29.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

one line only... up to the maximum of 64 characters that the D700 supports
for messages; and this 64 characters must include the email address at the
beginning of the message.

Jim N0RMO

----- Original Message -----
From: "Adrian Brookes" <abrookes@sympatico.ca>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, March 11, 2000 12:17 AM
Subject: [htaprs] RE: Controlling msgs on D700 with a PC ?

> I tried sending a msg tonight from my D700 with the address line
> having only EMAIL in it for internet access..
>
> Worked - very impressive.
>
> How long a message can I send?
>
> Adrian
>
> ---
> You are currently subscribed to htaprs as: jimgill@ix.netcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] MSGs to Internet & deleting MSGs on D7

From: Adrian Brookes <abrookes@sympatico.ca>
Date: Sat, 11 Mar 2000 13:10:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70479-2000.03.11-12.05.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, I'll give that a try.

I noticed the msg length in the D7 is considerably shorter.

BTW - Has anyone figured out how to delete Messages in
the D7 ????

Adrian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] RE: Controlling msgs on D700 with a PC ?

From: Carl <carl_mail@dr.com>
Date: Sat, 11 Mar 2000 21:20:16 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-70503-2000.03.11-15.20.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> to send messages, no hate mail please. Even cw would be faster to send that
> trying to deal with the Mic or keyboard when you are driving!

weeeell I do have a small cw key that straps to my thigh - but somehow I can't
see it catching on whilst actually driving...

Voice recognition. Thats the way to go...

Carl gw0tqm

gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Re: MSGs to Internet & deleting MSGs on D7

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 11 Mar 2000 17:34:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70511-2000.03.11-16.34.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/11/00 1:10 PM, Adrian Brookes at abrookes@sympatico.ca wrote:

> Thanks, I'll give that a try.
>
> I noticed the msg length in the D7 is considerably shorter.
>
> BTW - Has anyone figured out how to delete Messages in
> the D7 ????
>
> Adrian

 We really need a D7 and D700 FAQ - the answer to this question - asked by
every single new D7 owner, I might add - is that _you cannot_ !!!!! they did
fox that in the D700, you get 16 messages and you selectively delete them,
on the D7 you get 10 and they simply scroll off.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "If you can't believe what you read in comic books, what can
    you believe?" -- Bullwinkle J. Moose

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] MCPD7 software (problems)

From: Dr Kevin Johnston <kj_anaes@seol.net.au>
Date: Sun, 12 Mar 2000 05:00:23 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70575-2000.03.11-22.56.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We now have a number of TH-D7A owners in the Mount Gambier area of South
Australia.

All are having problems with the MCP D7 programing software (version
0.01 beta)

(1).   Instructions from computer to enable AM mode in airband are
ignored. Although AM mode selected form the handheld keyboard are
correctly read by the computer.

(2).   Instructions from the computer to programme DTMF code memories
are ignored and not uploaded to the handheld.

Has anyone else seen this problem and/or found the solution? or is
there a later version of the software?

Many thanks de Kevin VK5KJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] GPS plug

From: ww0e@juno.com
Date: Sun, 12 Mar 2000 08:42:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70626-2000.03.12-08.53.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK - I have the PG-4W cable for my THD7,
all I need is the plug to for my Garmin GPS
receiver, where's a good place to buy the
just the plug (4 - pin) ?
Thanks.
Jerry - WW0E   -   ww0e@juno.com

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] Re: GPS plug

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sun, 12 Mar 2000 10:13:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-70629-2000.03.12-09.09.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try http://pfranc.com/projects/g45contr/g45_idx.htm

That's where I get mine and I am a very satisfied customer.

Stan, WA1LOU

ww0e@juno.com wrote:
>
> OK - I have the PG-4W cable for my THD7,
> all I need is the plug to for my Garmin GPS
> receiver, where's a good place to buy the
> just the plug (4 - pin) ?
> Thanks.
> Jerry - WW0E   -   ww0e@juno.com
>
> _____
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!

> Try it today - there's no risk! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> You are currently subscribed to htaprs as: stanzepa@mail2.nai.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Re: GPS plug

From: "Chris Arndt" <carndt@slonet.org>
Date: Sun, 12 Mar 2000 07:31:08 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-70630-2000.03.12-09.29.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I second that. I've purchased 4 of them, and Larry's share(hard)ware
concept seems to work very well for small items like this. (And he builds
other cool stuff, too. Try to take the time to read about his funicular,
and home made gas turbine.)

Chris

********** REPLY SEPARATOR **********

On 3/12/00, at 7:12 AM, Stan Horzepa wrote:

>Try http://pfranc.com/projects/g45contr/g45_idx.htm
>
>That's where I get mine and I am a very satisfied customer.
>
>Stan, WA1LOU
>
>ww0e@juno.com wrote:
>>
>> OK - I have the PG-4W cable for my THD7,
>> all I need is the plug to for my Garmin GPS
>> receiver, where's a good place to buy the
>> just the plug (4 - pin) ?
>> Thanks.
>> Jerry - WW0E   -   ww0e@juno.com
>>
>> ____
>> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
>> Juno now offers FREE Internet Access!
>> Try it today - there's no risk! For your FREE software, visit:
>> http://dl.www.juno.com/get/tagj.
>>
>> ---
>> You are currently subscribed to htaprs as: stanzepa@mail2.nai.net
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] Re: MCPD7 software (problems)

From: "Edward A. Behl" <ed@eabehl.com>
Date: Sun, 12 Mar 2000 12:39:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-70640-2000.03.12-11.38.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey, Doc -

I haven't tried the aircraft band presets idea or DTMF memories, but it
wouldn't surprise me. Kenwood was fairly open that the software on their
FTP site was a beta version, and all risks were the user's. The only way
to get a later version is to buy the PG-4W kit with the CD-ROM.

The beta is what it is, and it still makes programming the FM presets
much easier than typing them in by hand.

73

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] D700 "LIST" labels????

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 12 Mar 2000 13:57:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70648-2000.03.12-12.56.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I have been on the road with my D700 for five days ... one question I
have is the labels in the "LIST" display.

 THD7, D700, FIXED, WEATHER, STATUS, GOOD/GGA, GOOD/RMC, MOVING, Mic-E -
pretty much all self explanatory.

 ID - what does that mean?

Why does a given station get GOOD/xxx and another simply get MOVING ???

What about moving D700/D7's I am sure they outnumber fixed position units of
either type.

I just don't get the subtleties. Anyone have any idea about what the logic
is behind the labelling?

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "If ye love wealth greater than liberty, the tranquillity of servitude
   greater than the animating contest for freedom, go home from us in
   peace. We seek not your counsel, nor your arms. Crouch down and lick
   the hand that feeds you. May your chains set lightly upon you; and may
   posterity forget that ye were our countrymen." -- Samuel Adams

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] Re: D700 "LIST" labels????

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 12 Mar 2000 14:59:51 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-70654-2000.03.12-13.59.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 12 Mar 2000, Brian B. Riley wrote:

> OK, I have been on the road with my D700 for five days ... one question I
> have is the labels in the "LIST" display.
>
> THD7, D700, FIXED, WEATHER, STATUS, GOOD/GGA, GOOD/RMC, MOVING, Mic-E -
> pretty much all self explanatory.
>
> ID - what does that mean?

AN ID packet
>
> Why does a given station get GOOD/xxx and another simply get MOVING ???

I think Kenwood chose "@" posits to call moving.
I preferred that they actually confirm a SPEED before they call it
moving.. But it didnt make it into their code...

Lots of possibilities here. They could have shown WIND for stations with
non-zero wind speed, otherwise shown WEATHER for weather stations. Lots

of possibilities...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Marathon Lessons?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 12 Mar 2000 18:15:10 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70671-2000.03.12-17.14.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Did an APRS marathon today. Its all 26 miles on an old railroad paved
bike trail. Cars can only access the trail at about a dozen crossings...
THought you might be interested in seeing some thoughts and lessons...
(Any comments here are *NOT* meant to criticicize, only to learn...?
Great set of volunteers, they do great work. Read this for fun! and
humor...(tongue in cheek)

PLAN: No one ever asked for APRS... but the last week, I just sort of
"volunteered"... With my THD7's what could be easier?.. So this is kind
of an outsider's view...

TRACKERS: I brought 3 THD7 trackers and enough duct tape to put them on
the chase bicycles (remember the first time in 1993 when I did this with 3
full size MFJ TNC's and 50w radios on the bikes!)   (In APRSdos hit
FILE-REPLAY-RUNNERS to see this classic)

NET CONTROL: I brought one THD7 and 4 old DOS laptops (with 2 conductor
ZIP-cord connecting them all to the same THD7). Intending one for each
voice radio operating position (and one for me).

My plan was to set one laptop to autotrack the LEAD, one the TAIL and one
whatever was of interest at the time. By doing it this way, there was
always a zoomed-in view of the hotspots and no one had to jump around on
the maps very much (which takes over 6 seconds on these old 8186's). And
this way no one had to be trained...

OPERATIONS:

* The NET CONTROL Ops had said they would operate from the tailgate of a
pickup and would have AC. But then at 6 AM decided to just operate out of
their cars, and so no-need to set up for AC power.   (Fortunately
Everything of mine would last at least an hour or 2 until we could find
the school janitor to unlock a window)...

* Having invested 6 hours in preparations, I was still going to play with
my toys, so I hoisted my 40' fiberglass fishing pole antenna and set up
three laptops on the tailgate (with the trackers all at my feed). THus, I
could see everything (with nothing moving), and hear nothing. Likewise,
the voice operators in the cab of the truck could hear everything and see
nothing. Interesting arrangment... (remember, I was just a
come-as-you-are)

Well, with the lead runner about 30% into the run, things started getting
confusing. No one knew where the TAIL was, or where the "real" lead was
(the Trail is not closed during this event. Any locals can still jog
along this very popular Jogging trail. So you have 700 Marathon runners
and probably that many other regulars)..

I did learn of one VIP vehicle that was supposed to have a HAM in it to
shadow a Race Official. So I Ductaped one THD7 and GPS to it. It
promptely was driven a mile away and parked for the next 6 hours...

They kept asking me where things were (My remaining 2 tackers were still
in the bag at my feet and my laptops were surrounding me in the back
entertaining myself just fine). Fortunately, I was keeping an estimated
LEAD and TAIL being deadreckoned on the map and was of some use. Then a
school kid showed up and he was fascinated with my laptop, so he squeezed
into the cab with the laptop and now there was something to see. (I had 50
feet of zipcord for just this purpose)...

Next the Ham with the Bicycle at mile mark 9 (After everyone had passed
his position) decided he could fill in as tail-end charlie, and I dashed

out there to show my expertise with duct tape. Great, now one real moving GPS object on the map... (and one in a parking lot)... Interest in the laptop display was growing in the front seat of the (sub compact, imported) pickup... Gosh.. it works...

Then a D700 drove up and agreed to shadow the bicycle acting as a mobile RELAY through the north end of the course. Now things really picked up. As the bike and mobile relay moved through the "black hole" where none of the voice operators were ever able to communicate, (mile 18 to mile 23) they tracked the bike just fine....

Now they were impressed. And soon the voice net succumbed to the usual APRS back up comm channel as you heard things like.....

REPORT: "This is mile mark 18, we have the lead runner in view!)

NETCONTROL: "Yeah... we know..."

REPORT"   "This is mile mark 19, We have the lead runner (or at least its the first person we have seen with a number on his shirt)...

NETCONTROL: "Yeah... we know..."

etc...

LESSONS: None really, all the voice ops did their usual fine job. There were no incidents, casualties or injuries. APRS was fun... But I guess two things might be worth mentioning.....

1) My idea of doing an event is to set up a NETCONTROL that the public can see. It should LOOK like radio. Look professional.. Have a SIGN. The public should be able to SEE that there is such as thing as HAM radio. Not just some guys sitting in their car... (Yes, sometimes you do want to put them in a room out of sight so they can concentrate on their JOB, but this was probably not one of those kinds of events)...

2) Two other Kenwoods did show up, but with no other bicycles to track and these systems being integrated into CARS (which could not go on the bike trail or anywhere near it) we never really could use them. The one D700 though was great as a mobile digi...

(Remember I actively do *NOT* push APRS locally, since some would think it self-serving)... But we have done this particular Marathon at least 4 times now, since 1993, and all though you would think it should be getting easier with the new toys, it still seems that the other 25 volunteers that do these kinds of things in our club, still dont get excited about APRS at all..

Oh well.... At least I have fun.... :-)

MORE DETAILS... Only if you like using OLD laptops:

Yes, even though I now have a few 386/486 and/or color laptops, I still find that the old LCD CGA Zenith Laptops are the only thing you can see WELL in the sunshine... (I dont have an active crysal color laptop nor would I want to put one in the rain if I did...)   I actually wanted to prove it to myself that they were still usable. By editing the APRSdos map of the marathon and eliminating everything outside of the immediate venue, I got the map-redraw down to about 6 seconds on the supersport and about 12 seconds on the 8088's.

The night before, I found that Configuration of all the detials was Maddening at these slow speeds. Finally I quit and just configured my 486 Laptop to exactly the right setup (easy to do at that speed). THen just copied the CFIGxxx.APR file to the clunkers so that they booted up perfectly to the desired configuration.

At the event, with the muiltiple views of multiple laptops, the delays were there, but quite tolerable. You could look at somethign else while waiting for one of the others to update...

P.S. I typically will buy these when the get to $20 at hamfest, though I have paid as much as $50 for my first one back in 95...

Oh yes, I did a MAP-LOCK command to make sure it never tried to reload any other maps (takes 40 seconds from the HD)....

NOTE! If your EVENT ALL FITS ON ONE MAP, you dont even need a hard drive! Once you load the map from the Floppy, and MAP-LOCK it, APRSdos will not

need anymore files and so will run just as fast on a FLOPPY only system as
on one with a HD. So using old-slow laptops even with out a HD is
entirely possible.... We still do it on the sail boats at the naval
academy every summer with only 720K floppies, since they only draw 250 ma
24 hours a day... (we dont do this because we like it, but becuse they
wont buy us anything else. We have 18 of them!)

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] SMA/BNC with pigtail?

From: "Jack Coster" <jackc2740@cs.com>
Date: Sun, 12 Mar 2000 17:18:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70673-2000.03.12-17.17.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Someone had information about the SMA to BNC adapter that
had a cable pitail connection between the adapters to reduce
possible damage to the antenna connection on the board. As I
recall, these were from Radio Shack. My RS can't find them, and
there is no reference on RS's online catalog.
Does someone have catalog numbers or an alternate source for this
item?
Thanks.,
Jack, WF8X

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] Re: SMA/BNC with pigtail?

From: Eric Horst <erich@cac.washington.edu>
Date: Sun, 12 Mar 2000 19:25:32 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-70703-2000.03.12-21.24.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got SMA to UHF at D&L Antenna Supply. See:

http://www.wavehunter.com/consav.htm

This is their "Connector Saver" which is an SMA to UHF with a couple feet
of RG174 between. Looks like they have other connector combinations too.

--Eric

On Sun, 12 Mar 2000, Jack Coster wrote:

> Someone had information about the SMA to BNC adapter that
> had a cable pitail connection between the adapters to reduce
> possible damage to the antenna connection on the board. As I
> recall, these were from Radio Shack. My RS can't find them, and
> there is no reference on RS's online catalog.
> Does someone have catalog numbers or an alternate source for this
> item?
> Thanks.,
> Jack, WF8X
>
> ---
> You are currently subscribed to htaprs as: erich@cac.washington.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] LOST THD7 Recovered..!?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 12 Mar 2000 22:27:39 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70705-2000.03.12-21.38.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, not really, but it could have been...

Here is the scenario...

After todays marathon, After I had cut the duct tape and removed the
THD7/GPS from the chase bicycle. I had a few more minutes and decided to
drive down an unmapped road and take some GPS readings so I could
add it to the map for next year.... Done...

Tonight, 8 hours later, I decided to replay what my home station had
captured during the day. Everything was there, but then there on the
last file was the strangest thing. I could see where My VAN had
merged with the tail bike, where I removed the system, and where I
then proceeded up the obscure road..

Strangest thing... The TAIL bicycle must have followed me. I didnt
think he lived up that way. Checked it out, and no, he lived the
other way.   Hummh... what was I seeing?

I had removed the THD7/GPS from his bike, piled them in the
car and had even disconnected his handheld GPS so that I could put
it in a bag to take back to work. But Now I remember that when I
got home, I found his THD7 (placed inside an aluminum ZERO case)
had been left on..

Silly me! Vicinity Tracking! My van had its D700 set with UIDIGI
ON and set to RELAY (to help out along the course). SO when I
placed the THD7 in the car, with NO GPS, it reverted to 0000
Positions. And of course, APRSdos will then attempt to Vicinity
Track that signal to the nearest DIGI. WHich was my van!
Thus, the THD7 hidden inside an aluminum suitcase inside my van,
with no GPS was appearing to follow behind my car in the history
file.... Interesting...

Now extend this to a lost KID, or stolen suitcase, OR whatever...
Remember, EVERY recent KPC-3 or D700 on the planet has UIDIGI
Callsign substitution BUILT IN. Thus anything that is transmitting
any kind of packet, that passes by any of these radios can be
traced to that location.

Now, here is the cheap-plug (yes I do have a conflict of interest here)
But here is how small you can make such a (non-GPS) tracking device...
with ANY TNC...

   MIM Module. (or any TNC) Generates AX.25 packet
   10 mW Key Chain 433 MHz XMTR ($24)
   9v Battery.
   Size: about twice the size of the battery itself
   Life: about 48 hours.
   Cost: about $100   (Less in quantities)

For the next marathon, rather than having mobiles, you could almost put
these trackers on a few runners and then put D700's along the route
and you would see these runners get plotted everytime they passed a
checkpoint! Use one of the tiny 12v key chain batteries and make it
HALF as big.

You see why I get excited about vicinity tracking!

de WB4APR, Bob

Oh, by the way, the "vicinity" is variable. If the packet
contains a number in braces "{###}" APRSdos will plot the vicinity
plot within that number of 100's of feet to the nearest digi. Or
by default, witihn 1 mile if no ### is given... By setting # to 1,
then, was how I was going to track people indoors at Dayton within
100 feet of each room that had a BOX-N digi in it (a deaf digi that
would only hear to 200 feet).... but that's another story...

Wow, this year at dayton all we need is 7 D700's in the seven halls at
Dayton to track everyone indoors! But thats another story...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] Tweeks to WXSVR Output

From: "Dale Huguley" <kg5qd@worldnet.att.net>
Date: Mon, 13 Mar 2000 12:39:43 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70765-2000.03.13-06.39.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All-
    I finally joined the D700a club and have been putting it through its paces. Had some surprises with how it reacts to output from my wx parser. I had intended for the packets that contain the area data that lights up counties/zones not to show up on the d7/d700 - would not be easily read. However I ended up adding the full name of the county or counties at the end of the packet and It works very well.

    In order to do this I had to go to a fixed 6 character format for the type of watch or warning so:
TORNDO   =   Tornado
SVRTSM   =   Severe Thunderstorm
FFLOOD   =   Flash Flood
MARINE   =   Special Marine

This is set so that a warning for one or two counties will have the full name or names - more than that won't fit --so no names.
Now there are two levels of information- at the county level and (if it can be parsed) a more specific
place which will display on a mobile/ht rig.

Examples:
GRBSVR>SKYW:NWS-WARN :090110z,SVRTSM,WI_C073, MARATHON COUNTY {90LAA
GRBSVR>APRS:NWS-WARN :SVR OVER MARSHFIELD {90LAC
GRBSVR>SKYW:NWS-WARN :090135z,SVRTSM,WI_C115, SHAWANO COUNTY {90mAA
GRBSVR>APRS:NWS-WARN :SVR mov NE @30 15 SW   of SHAWANO {90mAC
GRBSVR>SKYW:NWS-WARN :090055z,SVRTSM,WI_C135, WAUPACA COUNTY {90OAA
GRBSVR>APRS:NWS-WARN :SVR mov NE @30 15 NE   of WAUPACA NEAR SYMCO {90OAC
GRBSVR>SKYW:NWS-WARN :090140z,SVRTSM,WI_C087, OUTAGAMIE COUNTY {90rAA
GRBSVR>APRS:NWS-WARN :SVR mov NE @30 10 W   of APPLETON NEAR DALE {90rAC
GRBSVR>SKYW:NWS-WARN :090045z,SVRTSM,WI_C097,WI_C137,WI_C141,   {902AA
GRBSVR>APRS:NWS-WARN :SVR MONTELLO TO BABCOCK AND NEILLSVILLE {902AC
GRBSVR>SKYW:NWS-WARN :090005z,SVRTSM,WI_C097,WI_C137, PORTAGE & WAUSHARA COUNTIES {8NLAA
GRBSVR>APRS:NWS-WARN :SVR mov NE @30 05 SW   of PLAINFIELD {8NLAC

Winaprs seems to ignore the county names (they are not in the SS_C001 format and also have a leading space.)

On the D700a it is VERY clear for what county the warning is for.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] Re: Marathon Lessons?

From: Jim Baremore <k5qq@juno.com>
Date: Mon, 13 Mar 2000 08:42:22 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-70799-2000.03.13-10.31.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob

What a neat writeup.   I really enjoyed it as well as put a few things into my 'smoking pipe' to think about.

Keep up the good work.

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] D700 digital noise problem

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 13 Mar 2000 13:34:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70818-2000.03.13-12.33.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have twice received bad signal reports on my D700 tranceiver. Both times,
there appeared to be "digital" noise in my voice transmission. The TNC was
turned-off both times. Once it occurred on the 2m band, the second time on
the 440 band. I didn't hear the problem, but it was described to me as
sounding like the TNC was transmitting. I have not been able to recreate
the problem. I can't send it back for repair if I can't recreate the
problem. My suspicion is that it has something to do with the control
channel.

Has anyone else experienced similar problems. Any ideas?

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Re: Marathon Lessons?

From: Carl <carl_mail@dr.com>
Date: Mon, 13 Mar 2000 19:17:33 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-70825-2000.03.13-13.19.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Did an APRS marathon today. Its all 26 miles on an old railroad paved

Marathon? Is that a euphemism for buying six dozen THD7 !! :)

Interesting account Bob. If I tried such a thing half the connectors would
go open circuit and all the laptop batteries would fail - but it does
show the usefulness of APRS - and how it might be applied to say a mobile
rally talk in too.

Your other bit on vicinity tracking is also fascinating. People dont
NEED a gps to take part in mobile experimentation at all. Just a TNC and tx.

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Re: D700 digital noise problem

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 13 Mar 2000 18:23:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70860-2000.03.13-17.23.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/13/00 1:34 PM, Richard Carter at rich.carter@windriver.com wrote:

> I have twice received bad signal reports on my D700 tranceiver. Both times,
> there appeared to be "digital" noise in my voice transmission. The TNC was
> turned-off both times. Once it occurred on the 2m band, the second time on

> the 440 band. I didn't hear the problem, but it was described to me as
> sounding like the TNC was transmitting. I have not been able to recreate
> the problem. I can't send it back for repair if I can't recreate the
> problem. My suspicion is that it has something to do with the control
> channel.
>
> Has anyone else experienced similar problems. Any ideas?
>
>
> Rich Carter - KE1EV

 I have had a comment from one person that they thought they heard some
digital "in the background' at the beginning of when I came back from
'dropping out' (APRS side A takes precedence over the voice side B if your
are talking when it wants to transmit) in the middle of a transmission.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "The ultimate consequence of protecting men from the results of their
  own folly is to fill the world with fools." -- Herbert Spencer

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] Re: MCPD7 software (problems)

From: "Thomas E. Hatton" <tehatton@aol.com>
Date: Mon, 13 Mar 2000 21:22:7
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70892-2000.03.13-21.21.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doc,
I spoke to one of the Kenwood reps about the free ware last spring at
Dayton when I bought my D7A. He wanrned me that this bug was in the beta
version.

73
Tom
Ke4PCV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Re: SMA/BNC with pigtail?

From: "Thomas E. Hatton" <tehatton@aol.com>
Date: Mon, 13 Mar 2000 21:25:8
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70893-2000.03.13-21.24.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jack,

I use a small pice of semi-rigid with SMA Connectors on both ends I bought
at a ham fest last summer. I bend it up and put the ruber duck on it for
hand held operation. When in the truck, I bend it down to hook up to my
external antenna. the semi rigid clips under the belt clip and takes the
stress off the SMA connector in the radio.

You should check the semi-rigid to see that it is 50 ohms and
works at the frequenies you want to use. I have access to an
impedance analizer at work and checked my piece at lunch one day. ;-)

73
Tom
Ke4PCV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: D700 digital noise problem

From: Jon Ogden <jono@enteract.com>
Date: Mon, 13 Mar 2000 23:07:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70908-2000.03.13-23.04.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/13/00 5:23 PM, Brian B. Riley at brianbr@macconnect.com wrote:

> background' at the beginning of when I came back from
> 'dropping out' (APRS side A takes precedence over the voice side B if your
> are talking when it wants to transmit) in the middle of a transmission.

That's incorrect. If you are transmitting on side B, side A on APRS will
WAIT until you release the microphone in order to transmit. I watch it
happen nearly every day.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] Re: D700 digital noise problem

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 14 Mar 2000 00:41:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70910-2000.03.13-23.41.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/14/00 12:07 AM, Jon Ogden at jono@enteract.com wrote:

> on 3/13/00 5:23 PM, Brian B. Riley at brianbr@macconnect.com wrote:
>
>> background' at the beginning of when I came back from
>> 'dropping out' (APRS side A takes precedence over the voice side B if your
>> are talking when it wants to transmit) in the middle of a transmission.
>
> That's incorrect. If you are transmitting on side B, side A on APRS will
> WAIT until you release the microphone in order to transmit. I watch it
> happen nearly every day.
>
> 73,
>
> Jon
> KE9NA
>

 hmmm, well I thought that that was the way it should be, but what else
explains the dropouts I have heard and had reported. Aside from this it
works great.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
   For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Give me twenty-six lead soldiers and I will conquer the world"
        -- Karl Marx

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] Re: D700 digital noise problem

From: Jon Ogden <jono@enteract.com>
Date: Tue, 14 Mar 2000 06:25:36 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70951-2000.03.14-06.23.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/13/00 11:41 PM, Brian B. Riley at brianbr@macconnect.com wrote:

> hmmm, well I thought that that was the way it should be, but what else
> explains the dropouts I have heard and had reported. Aside from this it
> works great.

Well, the dropouts you have HEARD are different. If you are listening on band B and have the DCD sense set up for band A only, the APRS side WILL transmit when you are receiving a signal on band B. If you put DCD sense on both bands, it won't transmit unless both bands are quiet. I have DCD sense on for band A only. That way if my local repeater is tied up with guys having a rag chew, I'll still transmit packets. The dropouts I get when I am in QSO with someone are short enough that it doesn't really bother me.

What I don't understand is why it has to drop out. I can transmit on band B on voice and band A still receives fine. The radio is capable of full duplex operation. Must be something to do with the TNC or what not.

Now, as for why others might hear you drop out, I know that one problem I have is with keeping the mic button pressed. For whatever reason, due to size or whatever, I have a hard time sometimes keeping the D700's mic button pressed. Seems like it is fairly sensitive to pressure and if you don't have it held down firmly, you'll stop transmitting. At least that's what happens to me.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] D700 mic audio gain adjustments?

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Tue, 14 Mar 2000 07:33:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70952-2000.03.14-06.33.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone have a chance to adjust the mic audio level on the D700? I'm afraid to poke around with the mic gain (wherever it is, not mentioned in the manual at all) since I have seen several other radios from other manufacturers use a single gain pot for all audio, including CTCSS (and in this case, data?). Any input would be appreciated by this chronic mic-mumbler.

Todd Ellis, N2XL

113. [htaprs] Re: D700 mic audio gain adjustments?

From: Jon Ogden <jono@enteract.com>
Date: Tue, 14 Mar 2000 06:47:42 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70953-2000.03.14-06.45.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/14/00 6:33 AM, Todd Ellis at ellistr@booth-assoc.com wrote:

> Anyone have a chance to adjust the mic audio level on the D700? I'm afraid to
> poke around with the mic gain (wherever it is, not mentioned in the manual at
> all) since I have seen several other radios from other manufacturers use a
> single gain pot for all audio, including CTCSS (and in this case, data?). Any

> input would be appreciated by this chronic mic-mumbler.
>

Why do you need to tweak it?

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: D700 mic audio gain adjustments?

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Tue, 14 Mar 2000 08:00:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70955-2000.03.14-06.59.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Because the mic audio is low. I have to be right up on the mic speaking
loudly and clearly in order to be heard and understood well.

Again, any insight on adjustments before I start tweaking?

Todd Ellis, N2XL

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, March 14, 2000 7:47 AM
Subject: [htaprs] Re: D700 mic audio gain adjustments?

> on 3/14/00 6:33 AM, Todd Ellis at ellistr@booth-assoc.com wrote:
>
> > Anyone have a chance to adjust the mic audio level on the D700? I'm
afraid to
> > poke around with the mic gain (wherever it is, not mentioned in the
manual at
> > all) since I have seen several other radios from other manufacturers use
a
> > single gain pot for all audio, including CTCSS (and in this case,
data?). Any
> > input would be appreciated by this chronic mic-mumbler.
> >
>
> Why do you need to tweak it?
>
> ---
> Jon Ogden
> KE9NA
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: D700 mic audio gain adjustments?

From: "Mike Cox" <ki5df@home.com>
Date: Tue, 14 Mar 2000 07:07:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70959-2000.03.14-07.22.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Todd, I get the same comments about my D700 about the audio being quite low
compared to other stations...

> Because the mic audio is low. I have to be right up on the mic speaking
> loudly and clearly in order to be heard and understood well.
>
> Again, any insight on adjustments before I start tweaking?
>
> Todd Ellis, N2XL
>
> ----- Original Message -----
> From: "Jon Ogden" <jono@enteract.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Tuesday, March 14, 2000 7:47 AM
> Subject: [htaprs] Re: D700 mic audio gain adjustments?
>
>
> > on 3/14/00 6:33 AM, Todd Ellis at ellistr@booth-assoc.com wrote:
> >
> > > Anyone have a chance to adjust the mic audio level on the D700? I'm
> afraid to
> > > poke around with the mic gain (wherever it is, not mentioned in the
> manual at
> > > all) since I have seen several other radios from other manufacturers
use
> a
> > > single gain pot for all audio, including CTCSS (and in this case,
> data?). Any
> > > input would be appreciated by this chronic mic-mumbler.
> > >
> >
> > Why do you need to tweak it?
> >
> > ------------------------------------
> > Jon Ogden
> > KE9NA
> >
> > Member: ARRL, AMSAT, DXCC, NRA
> >
> > http://www.qsl.net/ke9na
> >
> > "A life lived in fear is a life half lived."
> >
> >
> > ---
> > You are currently subscribed to htaprs as: tellis6@bellsouth.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: ki5df@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Re: D700 digital noise problem

From: "Richard Carter" <rich.carter@windriver.com>
Date: Tue, 14 Mar 2000 08:46:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70963-2000.03.14-07.45.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The problem I reported occurs when the TNC is supposed to be turned off.
Both channels are in voice mode. It is not just at the beginning or end of
the transmission. It is during the entire transmission interval. I'm
getting suspicios that I may have accidently pressed the control button. I

don't really know what this does. I think it has something to do with
skycommand, which I can't play with unless I buy a second radio (ouch!). I
guess nobody else has had the same problem.

I have no problems with my microphone key or audio level. It sounds like a
problem with your mic.

Thanks for comments
Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Jon Ogden
Sent: Tuesday, March 14, 2000 12:07 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: D700 digital noise problem

on 3/13/00 5:23 PM, Brian B. Riley at brianbr@macconnect.com wrote:

> background' at the beginning of when I came back from
> 'dropping out' (APRS side A takes precedence over the voice side B if your
> are talking when it wants to transmit) in the middle of a transmission.

That's incorrect. If you are transmitting on side B, side A on APRS will
WAIT until you release the microphone in order to transmit. I watch it
happen nearly every day.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: D700 digital noise problem

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Tue, 14 Mar 2000 09:01:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70973-2000.03.14-08.00.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is no problem with my mic; others on this list are now also voicing
their concern about the audio level too. Please don't be so quick to
eliminate the problem as a bad mic - it works fine, just the audio is a bit
low.

Again, anyone have any insight on mic audio adjustments?

Todd Ellis, N2XL

> I have no problems with my microphone key or audio level. It sounds like
a
> problem with your mic.
>
> Thanks for comments
> Rich Carter - KE1EV
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] Re: D700 digital noise problem

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 14 Mar 2000 09:15:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70977-2000.03.14-08.15.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon,

Here is the problem I see with my D700, no one answered this (not even Kenwood) when I sent it out on 2/14/00. I have my tnc on the "B" radio so the problem seems to be an audio switching bug. "A" you get data "B" you get dead air. Notice I get dead air not data. Kenwood, Kenwood please read and test this out.

from message sent 2/14/00

I hate to report that I have discovered a problem with my D700.

Here is the failure mode:

The APRS beacon is transmitting on the "B" radio. At the same time I key the Mic to talk on the "A" radio, At this point all is well the packet data goes out the "B" radio just fine. When it is finished transmitting the "A" transmitter keys up (I still have the Mic key down) and I am talking into the Mic. Users on the repeater tell me that all they heard was a dead carrier. I have to wait until the transmitter is done on the "B" side then key the "A" side to be heard. When you are driving it is not possible to look at the radio to see if the "B" transmitter is active, so many times I transmit dead air.

Any one else see this problem .

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Jon Ogden [SMTP:jono@enteract.com]
> Sent: Tuesday, March 14, 2000 12:07 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D700 digital noise problem
>
> on 3/13/00 5:23 PM, Brian B. Riley at brianbr@macconnect.com wrote:
>
> > background' at the beginning of when I came back from
> > 'dropping out' (APRS side A takes precedence over the voice side B if
> your
> > are talking when it wants to transmit) in the middle of a transmission.
>
> That's incorrect. If you are transmitting on side B, side A on APRS will
> WAIT until you release the microphone in order to transmit. I watch it
> happen nearly every day.
>
> 73,
>
> Jon
> KE9NA
>
>
> ------------------------------------
> Jon Ogden
> KE9NA
>

> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] Re: D700 digital noise problem

From: "Richard Carter" <rich.carter@windriver.com>
Date: Tue, 14 Mar 2000 09:45:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70986-2000.03.14-08.44.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is not the same problem that I've encountered. Are both of your
channels transmitting on the same band?

Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Hazen, Dwight L
Sent: Tuesday, March 14, 2000 9:15 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: D700 digital noise problem

Jon,

Here is the problem I see with my D700, no one answered this (not even
Kenwood) when I sent it out on 2/14/00. I have my tnc on the "B" radio so
the problem seems to be an audio switching bug. "A" you get data "B" you get
dead air. Notice I get dead air not data. Kenwood, Kenwood please read and
test this out.

from message sent 2/14/00

 I hate to report that I have discovered a problem with my D700.

  Here is the failure mode:

   The APRS beacon is transmitting on the "B" radio. At the same time I key
the Mic to talk on the "A" radio, At this point all is well the packet data
goes out the "B" radio just fine. When it is finished transmitting the "A"
transmitter keys up (I still have the Mic key down) and I am talking into
the Mic. Users on the repeater tell me that all they heard was a dead
carrier. I have to wait until the transmitter is done on the "B" side then
key the "A" side to be heard. When you are driving it is not possible to
look at the radio to see if the "B" transmitter is active, so many times I
transmit dead air.

  Any one else see this problem .

    Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Jon Ogden [SMTP:jono@enteract.com]
> Sent: Tuesday, March 14, 2000 12:07 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D700 digital noise problem
>

> on 3/13/00 5:23 PM, Brian B. Riley at brianbr@macconnect.com wrote:
>
> > background' at the beginning of when I came back from
> > 'dropping out' (APRS side A takes precedence over the voice side B if
> your
> > are talking when it wants to transmit) in the middle of a transmission.
>
> That's incorrect. If you are transmitting on side B, side A on APRS will
> WAIT until you release the microphone in order to transmit. I watch it
> happen nearly every day.
>
> 73,
>
> Jon
> KE9NA
>
>
> ------------------------------------
> Jon Ogden
> KE9NA
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] Re: D700 digital noise problem

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 14 Mar 2000 09:48:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-70992-2000.03.14-08.49.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard,

 Yes, both transmitters are on the same band. "A" is 146.640 repeater and
"B" is 144.39 APRS.

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Richard Carter [SMTP:rich.carter@windriver.com]
> Sent: Tuesday, March 14, 2000 9:46 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D700 digital noise problem
>
> This is not the same problem that I've encountered. Are both of your
> channels transmitting on the same band?
>
> Rich Carter - KE1EV
>
> -----Original Message-----
> From: bounce-htaprs-14533@lists.tapr.org
> [mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Hazen, Dwight L
> Sent: Tuesday, March 14, 2000 9:15 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D700 digital noise problem
>

>
> Jon,
>
> Here is the problem I see with my D700, no one answered this (not even
> Kenwood) when I sent it out on 2/14/00. I have my tnc on the "B" radio so
> the problem seems to be an audio switching bug. "A" you get data "B" you
> get
> dead air. Notice I get dead air not data. Kenwood, Kenwood please read and
> test this out.
>
> from message sent 2/14/00
>
> I hate to report that I have discovered a problem with my D700.
>
>   Here is the failure mode:
>
>   The APRS beacon is transmitting on the "B" radio. At the same time I
> key
> the Mic to talk on the "A" radio, At this point all is well the packet
> data
> goes out the "B" radio just fine. When it is finished transmitting the "A"
> transmitter keys up (I still have the Mic key down) and I am talking into
> the Mic. Users on the repeater tell me that all they heard was a dead
> carrier. I have to wait until the transmitter is done on the "B" side then
> key the "A" side to be heard. When you are driving it is not possible to
> look at the radio to see if the "B" transmitter is active, so many times I
> transmit dead air.
>
>   Any one else see this problem .
>
>
>   Dwight
>
        .

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] Re: D700 digital noise problem

From: Jim Baremore <k5qq@juno.com>
Date: Tue, 14 Mar 2000 14:05:40 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, nmhotair@AOL.COM, harris@nmgl.com, plchoc@AOL.COM
Message-ID: <LYR845-71068-2000.03.14-18.29.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 13 Mar 2000 13:34:09 -0500 "Richard Carter"
<rich.carter@windriver.com> writes:
> I have twice received bad signal reports on my D700 tranceiver. Both
> times, there appeared to be "digital" noise in my voice transmission.
The
> TNC was turned-off both times.
Snip
> Has anyone else experienced similar problems. Any ideas?

Hi Rick

There are only a few of the 700's here in Albuquerque and two of them I
have heard with a similar problem. It's almost the first cycle of a
sweeping siren sound. It's a tone that sweeps up in frequency every time
the rig is keyed untill it gets warmed up a bit. Neither of them were in
a packet mode at the time but were being used as conventional dual
banders.

It appears once the rig has transmitted a few times, the sound goes away.
 These sounds do NOT sound like a digital noise, at least the 1200 and
9600 baud packet noises I have heard. If you have ever heard an aircraft
ELT signal, it's like the first cycle of one of those.

Any other reports??

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

122. [htaprs] Re: D700 Mike Button

From: Jim Baremore <k5qq@juno.com>
Date: Tue, 14 Mar 2000 17:22:27 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-71069-2000.03.14-18.31.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 14 Mar 2000 06:25:36 -0600 Jon Ogden <jono@enteract.com> writes:
>
> Now, as for why others might hear you drop out, I know that one
> problem I have is with keeping the mic button pressed.
> For whatever reason, due to size or whatever,
> I have a hard time sometimes keeping the D700's
> mic button pressed. Seems like it is fairly sensitive to pressure and
if you
> don't have it held down firmly, you'll stop transmitting.

Hi Jon and other D700 owners

If you take the microphone apart you will see they have a 'sponge'
between the mike button and the microswitch inside. It's really
incredible!! I took the eraser off the end of a wooden pencil and
trimmed it a bit and hot glued it into place. No more problems with
talking and hearing the repeater courtesy beep go off while I'm still
talking!!

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: D700 digital noise problem

From: Jon Ogden <jono@enteract.com>
Date: Tue, 14 Mar 2000 19:14:20 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71071-2000.03.14-19.11.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/14/00 7:46 AM, Richard Carter at rich.carter@windriver.com wrote:

> I'm
> getting suspicios that I may have accidently pressed the control button. I
> don't really know what this does. I think it has something to do with
> skycommand, which I can't play with unless I buy a second radio (ouch!). I
> guess nobody else has had the same problem.

That's not it. The control button allows you to change the frequency and
other parameters of the NON-PTT VFO. In other words if you are listening to
one repeater on band A and want to change repeaters, functionality or
whatever on band B while still being able to transmit on band A, you press
the control button. This will allow you to transmit on A while messing with
B. A nice feature if you are trying to work UO-14 or one of the other FM
satellites with the D700.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] Re: D700 mic audio gain adjustments?

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 14 Mar 2000 20:14:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71072-2000.03.14-19.13.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/14/00 8:00 AM, Todd Ellis at ellistr@booth-assoc.com wrote:

> Because the mic audio is low. I have to be right up on the mic speaking
> loudly and clearly in order to be heard and understood well.
>
> Again, any insight on adjustments before I start tweaking?
>
> Todd Ellis, N2XL

 that is funny, my audio is almost the opposite. a couple of locals have
told me to climb back out of the mike, I am now holding the mike about 3-4
inches farther from my mouth than the very same mike (sans the letter
markings) which I was using on my TM-261.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Frisbeetarianism, n.: The belief that when you die, your soul goes
   up on the roof and gets stuck." -- author unknown

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] Re: D700 digital noise problem

From: Jon Ogden <jono@enteract.com>
Date: Tue, 14 Mar 2000 19:17:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71073-2000.03.14-19.14.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/14/00 8:15 AM, Hazen, Dwight L at hazen@indiana.edu wrote:

> The APRS beacon is transmitting on the "B" radio. At the same time I key
> the Mic to talk on the "A" radio, At this point all is well the packet data
> goes out the "B" radio just fine. When it is finished transmitting the "A"
> transmitter keys up (I still have the Mic key down) and I am talking into
> the Mic. Users on the repeater tell me that all they heard was a dead
> carrier. I have to wait until the transmitter is done on the "B" side then
> key the "A" side to be heard. When you are driving it is not possible to
> look at the radio to see if the "B" transmitter is active, so many times I
> transmit dead air.

The radio should NOT transmit on one band if it is transmitting on the
other. I'll test it out, but it cannot transmit from both VFOs
simultaneously. It is a weird problem.

Does the same thing happen if you reverse the bands (A data, B voice)??

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Re: D700 digital noise problem

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 14 Mar 2000 20:16:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71074-2000.03.14-19.15.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/14/00 9:15 AM, Hazen, Dwight L at hazen@indiana.edu wrote:

> Jon,
>
> Here is the problem I see with my D700, no one answered this (not even
> Kenwood) when I sent it out on 2/14/00. I have my tnc on the "B" radio so
> the problem seems to be an audio switching bug. "A" you get data "B" you get
> dead air. Notice I get dead air not data. Kenwood, Kenwood please read and
> test this out.
>
> from message sent 2/14/00
>
> I hate to report that I have discovered a problem with my D700.
>
> Here is the failure mode:
>
> The APRS beacon is transmitting on the "B" radio. At the same time I key
> the Mic to talk on the "A" radio, At this point all is well the packet data
> goes out the "B" radio just fine. When it is finished transmitting the "A"
> transmitter keys up (I still have the Mic key down) and I am talking into
> the Mic. Users on the repeater tell me that all they heard was a dead
> carrier. I have to wait until the transmitter is done on the "B" side then
> key the "A" side to be heard. When you are driving it is not possible to
> look at the radio to see if the "B" transmitter is active, so many times I
> transmit dead air.
>
> Any one else see this problem .

 so then why not use data on the "A" side ???

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Darkness cannot drive out darkness, only light can do that. Hate
  cannot drive out hate; only love can do that. -- Martin Luther King Jr.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Re: D700 digital noise problem

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 15 Mar 2000 08:44:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71211-2000.03.15-07.44.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

More information:

Both transmitters are in the same band. "A" is 146.640 repeater "B" is
144.390 APRS

        "A" will NOT transmit until "B" is done sending data (as it should).
But if you key the Mic while the "B" transmitter is sending data and hold
the button down, when the "A" transmitter comes up you will have no audio.
Why is this problem? When you are driving it is not possible to look at the
radio to see if the "B" transmitter is active, so many times I transmit dead
air.

I have not tried revering the A and B voice data. I will try and
do this at lunch today, The radio is out in the parking lot, WB9TLH-9 .

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> on 3/14/00 8:15 AM, Hazen, Dwight L at hazen@indiana.edu wrote:
>
> > The APRS beacon is transmitting on the "B" radio. At the same time I key
> > the Mic to talk on the "A" radio, At this point all is well the packet
> data
> > goes out the "B" radio just fine. When it is finished transmitting the
> "A"
> > transmitter keys up (I still have the Mic key down) and I am talking
> into
> > the Mic. Users on the repeater tell me that all they heard was a dead
> > carrier. I have to wait until the transmitter is done on the "B" side
> then
> > key the "A" side to be heard. When you are driving it is not possible
> to
> > look at the radio to see if the "B" transmitter is active, so many times
> I
> > transmit dead air.
>
> The radio should NOT transmit on one band if it is transmitting on the
> other. I'll test it out, but it cannot transmit from both VFOs
> simultaneously. It is a weird problem.
>
> Does the same thing happen if you reverse the bands (A data, B voice)??
>
> 73,
>
> Jon
> KE9NA
>
> -------------------------------------
> Jon Ogden
> KE9NA
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: D700 Mike Button

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 15 Mar 2000 13:16:56 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71294-2000.03.15-15.16.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 14 Mar 2000, Jim Baremore wrote:

> If you take the microphone apart you will see they have a 'sponge'
> between the mike button and the microswitch inside. It's really
> incredible!!   I took the eraser off the end of a wooden pencil and
> trimmed it a bit and hot glued it into place. No more problems with
> talking and hearing the repeater courtesy beep go off while I'm still
> talking!!

Other have just removed the spring and let the sponge do the job. It works
too, but has a rather different feel. Another solution might be to just
remove a coil of the spring so it is less forceful. I haven't tried that
one yet. But to answer another question, yes, people frequently tell me my
modulation is a little low. Most mobile rigs coming from Japan have their
mic gain control set way high. It was explained to me once that the reason
for this is that, in Japan, it is illegal to talk on a radio while
driving, so everybody holds the microphone on their lap while talking!
Don't know how true that is, but it's a good story! :-)

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] ICOM HEADSET W series HS-60

From: "Dennis James" <denniswj@hunterlink.net.au>
Date: Thu, 16 Mar 2000 11:04:50 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71320-2000.03.15-18.05.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have a schematic or a description of what each coloured wire
represents to the radio.

The above is used for a Icom Handheld and i wish to use it for a Alinco.

thanks

Dennis
VK2DOR
Scone Australia QF57KX
mailto:denniswj@hunterlink.net.au

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Pocket APRS Maps

From: "Dennis James" <denniswj@hunterlink.net.au>
Date: Thu, 16 Mar 2000 11:04:54 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71321-2000.03.15-18.05.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wonder if anyone has any maps for the above, or if there is away of making
them.

Dennis
VK2DOR
Scone Australia QF57KX
mailto:denniswj@hunterlink.net.au

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Re: D700 Mike Button

From: Jim Baremore <k5qq@juno.com>
Date: Wed, 15 Mar 2000 17:48:38 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-71340-2000.03.15-19.31.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 15 Mar 2000 13:16:56 -0800 (PST) "Julian M. Frost"
<jfrost@odaiko.ss.uci.edu> writes:
> On Tue, 14 Mar 2000, Jim Baremore wrote:
>
> > If you take the microphone apart you will see they have a 'sponge'
> > between the mike button and the microswitch inside.
>
> Other have just removed the spring and let the sponge do the job. It
> works too, but has a rather different feel. Another solution might be
to
> just remove a coil of the spring so it is less forceful. I haven't
tried
> that one yet.

Hi Julian and the SIG

If you look inside, at least in the several we currently have in
Albuquerque, there is NO spring!! Only a sponge like material and so the
end result is you can push the mike button to the stop, but the sponge

gives way and the transmitter unkeys!! Only by releasing the button and
letting the sponge return to it's uncompressed form can you get it to
rekey the transmitter. Thus the use of a harder material, such as the
pencil eraser, overcomes that problem and let's you talk more than a few
seconds.

C U all

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] APRS/CE Beta Release...

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 15 Mar 2000 22:22:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71366-2000.03.15-21.20.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS/CE (APRS[tm] for Windows CE) v0.99.597 (Beta) has been posted to:

ftp://ftp.tapr.org/aprssig/wince/

You'll see a file called APRS-CE.EXE in that directory.

This is a Windows 95, 98, and NT/2000 .EXE that self-extracts and runs SETUP
for APRS/CE.

Just a reminder: this beta will expire on May 22, 2000. I'll have to have
something newer out before Dayton. :-)

Some important things:

*** IMPORTANT THING #1 ***

BEFORE YOU INSTALL THIS APP, BACK UP YOUR WINDOWS CE DEVICE!!! (PLEASE!)

Sorry to shout, but if the install gets completely buggered, the only thing
I'll be able to do for you if you didn't back up is sympathize with you.

I've never seen or heard of anyone's machine (including my menagerie)
getting hosed by this install, but I'd hate to have it happen to someone
without a backup.

I've installed the thing on my personal day-to-day Casio E-100, and my
clean/fresh/hard-resetted IBM Z50, HP Jornada 420, and HP 320LX (upgraded to
WinCE 2.0) and all worked great. I installed it on a colleague's Z50 (he's
got tons of third-party software on there) again without incident. I've
also received reports from early beta testers that all went OK on their
machines as well.

*** IMPORTANT THING #2 ***

Some of you will go out there and go, "TWO MEGS! Jeez, how big is this
thing?!" Relax, the only reason it's two megs is because there are ten
separate builds in there:

Handheld PC w/ Windows CE 2.0 SH3 (HP 320LX) Clamshell grayscale
                "   MIPS
Palm-size PC w/ Windows CE 2.01 SH3 Palm-size grayscale
                "   MIPS (Casio E-11)
Handheld PC Pro w/ Windows CE 2.1x SH3 (IBM Z50) Subnotebook and clamshell
color
                "   MIPS
                "   SH4
                "   StrongARM (HP Jornada 820)
Palm-size PC w/ Windows CE 2.11 SH3 (HP Jornada 420) Palm-size color
                "   MIPS (Casio E-100)

The two-meg file will sit on your PC, but only the files that are relevant

to your CE box get copied down. For most installations, APRS/CE will only
take up 350K-500K of storage space, *not* two megs.

*** IMPORTANT THING #3 ***

If you're not using ActiveSync 3.0 to connect with your CE box, go get it!
Right now! It's free. I'll wait. :-)

To get it, go to:

http://www.microsoft.com/downloads/

Choose Windows CE as the operating system and click "Find it!"

I see two different ActiveSync 3.0's in the listing -- just to be safe, pick
the bigger one. (I downloaded it and stuck it on a CD-RW long ago, so I
don't remember which one I grabbed.)

*** IMPORTANT THING #4 ***

I would really, really, really appreciate it if:

(1) You could go download my .EXE when it's convenient.
(2) Let me know that you are downloading it.
(3) Back up your CE box.
(4) Attempt an installation.
(5) Let me know how it went, *** especially if it didn't work! ***
(6) Give me feedback on basic operation.
(7) Let me know what features currently aren't there that you'd like to see.

*** IMPORTANT THING #5 ***

There are no maps included with this installation! (I felt that a two-meg
download was big enough.) Feel free to use any Win/MacAPRS, pocketAPRS, or
dosAPRS map and place it anywhere on the device, in any directory. (The
startup routine searches the entire filesystem for maps. If you add maps
while the program is running, use the File->Refresh Map List menu option to
rebuild the map menu. You can also do this if you pop in a flash card with
maps while APRS/CE is running.)

*** IMPORTANT THING #6 *** (Last one!)

If you find a bug, report it. Even if you think someone else has reported
it, report it anyway. I will be tracking them all, but if I never hear
about it, I can't fix it.

Thanks in advance for all your support, and I hope that I am nearly finished
with delivering something that folks will find useful.

73

     -Rob
      KZ5RW
      Exhausted author of APRS/CE

APRS is a trademark of Bob Bruninga.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Mobile Satellites easy!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 15 Mar 2000 22:46:28 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-71374-2000.03.15-21.46.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Left Brain/ Right Brain story... or stoopid me....

Since I began listening to the satellties with my D700, I have just left
it on one of the downlinks so that if the satellite comes into view, I may
per chance hear it. But rarely does this occur, and then only when I
happen to take a look at APRStk before leaving in the morning or evening
so that I remember when to take a listen...

Tonight, after 3 months of this, I was driving home and looking at the
front panel of the radio and thinking the chance of a satelltie in view
right now is 1 in a million, so out of boredom, i thought, why dont I just
switch back to 144.39 to see what is happening this evening....

No sooner had I done this then that KO23 popped up on my front panel! It
was 2240 miles to the south with -8 KHz doppler.   About that same time
another D700 user that must have been mobile at the time SAW my D700
posit come on line and so he called me on the local repeater and asked if
I was hearing KO23...

I was dumbfounded. I never thought to just monitor 144.39 for the
satellite passes SINCE IT IS MY HOME STATION RUNNING APRStk THAT IS
PUTTING THEM THERE! Of course that is what I designed it to do! He was
surprised at my surprise, since he said that that is how he has been
listening to the satelites, by just waiting for them to appear on 144.39
and then QSYing... My APRS satellite objects even show you what freq to
tune in!

But somehow my brain never connected that fact that I TOO could use
this data. But there as an APRS object on the front panel of my D700 was
evverything I needed to know:

1) KO23 was in view (otherwise APRStk would not be transmitting it)
    (Thanks steve for making me kill them when not in view)
2) The TIME stamp showed me the object was less than a minute old
3) Ignoring its LAT/LONG, I could see that it was 2000 miles to
    the South
4) It showed the satellite's freq was 435.170 (so I could tune it in)
5) It showed me that the doppler was presently -9 KHz (so I could add 10)

Wow, Why have I wasted 3 months over listening to a closed squelch on
435.125 hoping for a satellite to pass in view, when my home station was
telling everyone including me (with only my D700) exactly when a
satellite was in view!   Wow, talk about a void between the right brain
and left brain! I guess I was just so used to watching the APRStk map
screen at home as my source of satellite data, I forgot that it looks
GREAT and is so informative on the D700 display too..

Bottom line. If someone is running APRStk in your area, then you can
cruise around with 144.39 playing APRS but when a satellite comes into
view, you will see it and can QSY and not miss a thing.   Wow, it works!

Bob WB4APR

You are currently subscribed to aprssat as: BRUNINGA@NADN.NAVY.MIL
To unsubscribe send a blank email to leave-aprssat-15095R@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] New APRStk (08)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 17 Mar 2000 19:24:21 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-71772-2000.03.17-18.24.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THis new version of APRStk adds a new capability to convey to local
mobiles with the THD7 or D700 when satellites are in view. Once every 10
minutes it can transmit a DX SPOT that will be captured on the DX list in
the Kenwoods (or any version of APRS). This DX spot will contain a list
of up to 5 satellites that will be in view in the next 80 minutes.

The existing APRStk would only transmit Satellite Objects when they were
actually in view, but it gave mobile users no "heads-up" that there may be
a satellite soon to come in view. Now, just check your DX-LIST every now
and then to see the schedule.

Thus, THD7/D700 mobiles have no need for any satellite tracking software,
yet they will be alerted on 144.39 whenever any workable mobile satellite

comes into view (as long as someone in the area is runnning APRStk). The front panel will show them any Satellites in view, or the DX list will now always have the next 80 minute schedule! There are 7 satellites of interest (UO22, KO23, KO25, TO31, UO14, AO27, SO35). The last three are workable using FM voice and we are lobbying the AMSAT community to eventually turn on one of the PACSATS for APRS digipeating. In the meantime you can monitor their 9600 baud downlinks and start getting experience...

APRStk runs in an APRSdos environment. If you dont have that, then download the whole thing in APRStk.zip. If you already have APRSdos, then all you need is ASTK-EXE.zip. Be sure to install it with PKUNZIP -d or WinZIP.

Download from ftp://tapr.org/aprssig/dosstuff/APRSdos/astk-exe.zip

NOTE: This is a lot of stuff packed into one program. It basically has 3 separate and distinct uses and some conflicts:

1) Use it with a THD7/D700 as an automated Satelite monitoring station to control your radio for listening to the 5 digital and 2 or 3 analog sats.

2) Use it as your home station with ANY radio/TNC on 144.39 as a way to keep an eye open for satellites and/or to UPLINK on 144.39 these satellites as OBJECTS to everyone in your area so they wont miss out on the satellite fun. (Run out to your car to work the pass with your D700). This base station operation also now sends out the once every 10 minute DX spot satellite schedule.

3) Use it as your APRS mobile Satellite Ground station when hooked up to a D700 (not a THD7 which cannot operate crossband 9600) for operations through any (yet to be determined) APRS digipeating PACSAT.

CAUTION: If you try to operate #2 as an APRStk feed to your local area, do NOT use a THD7 or D700, since APRStk will be trying to do 2 things at once. When a TRACKED satellite comes into view, it will FIRST QSY the radio to listen to the satelite, so therefore it is NOT on 144.39 to be able to transmit the satelites as OBJECTS for others.

I will fix this, but it will take some overhead, so for now, do one or the other but not both. If you must use a THD7/D700 in the role of an OBJECT uplink base-station then configure APRStk and tell it you are NOT using a THD7/D700. Just tell it you are using a TAPR TNC and then it will not try to tune the radio...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] BCON

From: ww0e@juno.com
Date: Fri, 17 Mar 2000 18:39:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71778-2000.03.17-18.45.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had to reset the THD7,
how do I get it back to xmit a beacon on startup?
I've tried the instructions in the manual,
I can't get BCON to appear on the screen...
Thanks.
Jerry - WW0E - ww0e@juno.com

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Re: BCON

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Fri, 17 Mar 2000 18:56:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-71780-2000.03.17-18.55.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you don't have TNC/APRS turned on, it will never beacon
Jerry...

Robbie

ww0e@juno.com wrote:
>
> I had to reset the THD7,
> how do I get it back to xmit a beacon on startup?
> I've tried the instructions in the manual,
> I can't get BCON to appear on the screen...
> Thanks.
> Jerry - WW0E   -   ww0e@juno.com
>
> ____
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] D7 / D700 KISS ???

From: "Brian B. Riley" <brianbr@wulfden.org>
Date: Sat, 18 Mar 2000 00:33:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71812-2000.03.17-23.32.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Clayton's question about using the D7 with AGWPE prompts me to ask about he
current status of the newer D7 firmware and KISS - does it work? How about
KISS in the D700 does it work?

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "It would take an archimedean fulcrum to raise you to the level of
  total depravity" --Thomas E. Carney, ca. 1920

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] I don't see me. . .

From: BA Merrill <bmerrill@linkline.com>
Date: Sat, 18 Mar 2000 10:07:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71908-2000.03.18-12.14.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've setup my laptop/KPC3 running APRS and my icon is showing on the
map. However, I get the usual msg "APRS did not see a digipeat of your
last packet" -- I'm running as a new user. I've lost the previous
thread as to how to fix this.

Also, have my TH-D7 running stand alone and the laptop shows it in the
heard list but no ICON or call shows on the map. The TH-D7 also does

not show the laptop call in the heard list. I went out to the aprs.net
and unless it takes a day or so to popup, I didn't see either one on
that map.

So what am I doing wrong.

Question regarding the radio. . .
While on battery power it started beeping and continuously reopening the
TNC as long as the BCN was on. (yes, I've had it upgraded)
Plugged in the transformer and it did the same til I put it on EL
power. I'm under the impression (from the packet operation setup) that
if the transformer is plugged in you can't tx on anything but EL. --
correct?

Question regarding program. . .
what function does the box at the top right hand of the screen have

I'm running an older dos version (865) under win3.1 on a 486 laptop. .
.should I download a newer version like winaprs with the 32bit drivers?
If so, which files from the ftp site do I need? What is winaprs lite?
and would that be better.

Sorry for all the bandwidth but decided to learn how to use this stuff
instead of letting it just sit around. . .I'm also going to Moab UT in
mid April and my stuff is portable and have access to a GPS unit. Would
like to be able to tx my location while out 4 wheeling.

THANKS! for any assist/tutoring anybody can spare time to offer.

73
BettyAnn, KC6ING
Riverside, CA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: I don't see me. . .

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 18 Mar 2000 14:24:40 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-71918-2000.03.18-13.24.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 18 Mar 2000, BA Merrill wrote:

> I've setup my laptop/KPC3 running APRS and my icon is showing on the
> map. However, I get the usual msg "APRS did not see a digipeat of your
> last packet" -- I'm running as a new user. I've lost the previous
> thread as to how to fix this.

Nothing to fix, other than getting your antenna up higher or moving colser
to a digi.. Or setting the correct path for that digi, etc...

> Also, have my TH-D7 running stand alone and the laptop shows it in the
> heard list but no ICON or call shows on the map.

What is the position on the POSITIONS page?

> The TH-D7 also does not show the laptop call in the heard list.

Is the THD7 ON?
Is it in APRS mode?
is it on the samre frequency as the laptop?
What do the packets look like?

These might seem like stoopid questions, but you have given no hints as to
what all you have invistigated nor details we can use to help...

> Question regarding program. . .
> what function does the box at the top right hand of the screen have

See the README files. README\SCREEN.TXT and HELP.TXT

Welcome to APRS!

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] APRStk Satellite Frequency Tracking

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Sat, 18 Mar 2000 15:27:6
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71933-2000.03.18-15.26.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After a lot of fooling around and experimenting I seem to
have APRStk working with my D700. However, I have tried the
suggestion of having APRS 144.390 at the top of the satellite
list so that I still copy traffic in between satellite passes.

The problem is that after a satellite pass, HBAUD remains at
9600 and the 144.390 traffic (1200) does not copy. I can go
to O,C,T and tell the TNC to change HBAUD to 1200 by hand and
things work great until the next satellite pass is finished and
HBAUD remains at 9600 again.

Occasionally, the frequency will sort of 'flip-flop' between
the satellite and 144.390 during a long pass. Of course, the
HBAUD remains at 9600 during that time so the local traffic
doesn't copy -- but shouldn't the satellite frequency remain
constant until the pass is finished?

Fred K8VDU
New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] Re: APRStk Satellite Frequency Tracking

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 18 Mar 2000 19:18:20 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-71949-2000.03.18-18.19.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 18 Mar 2000, Fred Hatfield wrote:

> After a lot of fooling around and experimenting I seem to
> have APRStk working with my D700. However, I have tried the
> suggestion of having APRS 144.390 at the top of the satellite
> list so that I still copy traffic in between satellite passes.
>
> The problem is that after a satellite pass, HBAUD remains at
> 9600 and the 144.390 traffic (1200) does not copy.

Hummh. Works every time for me, but then I am using the D7, not the D700.
I hope to get a D700 hooked up to APRStk, and maybe then I will see waht
you are seeing. It sends out the 144.39 command. Maybe it is not taking
because of a timng difference with the D700?

> Occasionally, the frequency will sort of 'flip-flop' between
> the satellite and 144.390 during a long pass. Of course, the
> HBAUD remains at 9600 during that time so the local traffic
> doesn't copy -- but shouldn't the satellite frequency remain
> constant until the pass is finished?

Yep, it should not flipflop. But sounds like it is trying to swtich some
of the time. Hummh...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] Re: I don't see me. . .

From: BA Merrill <bmerrill@linkline.com>
Date: Sat, 18 Mar 2000 19:03:22 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-71971-2000.03.18-21.11.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
On Sat, 18 Mar 2000, BA Merrill wrote:

> Nothing to fix, other than getting your antenna up higher or moving colser
> to a digi.. Or setting the correct path for that digi, etc...
>

Thing that bothers me. . .the laptop radio is running 5w battery plugged into the charge and receiving the packets identically to the Kenwood. It is on a J-Pole on the roof of the house about 10' feet above chimney. The Kenwood is plugged into the transformer (and I have now switched to H power--that beep and opening TNC prob must have been low bat related) and is on the rubber ducky antenna and sitting in the window.

> > Also, have my TH-D7 running stand alone and the laptop shows it in the
> heard list but no ICON or call shows on the map.
> What is the position on the POSITIONS page?
>

The same as the laptop -- yes, I have read your expl about the call signs from the Dayton Convention so I zoomed out and still didn't see two icons. I will try offsetting the TH-D7 as an experiment (by the way it is set N 33:57:00 W 117:25:00 and laptop is at 33:54:83N and 117:14:52W).

> > The TH-D7 also does not show the laptop call in the heard list.
>
> Is the THD7 ON?   YES
> Is it in APRS mode? YES
> is it on the samre frequency as the laptop? YES
> What do the packets look like? Don't see any packets. . .I'm not showing up
> for some reason but am on the heard list if I go back to low pwr

> These might seem like stoopid questions, but you have given no hints as to
> what all you have invistigated nor details we can use to help...
>
> > Question regarding program. . .
> > what function does the box at the top right hand of the screen have
>
> See the README files. README\SCREEN.TXT and HELP.TXT
>
> Welcome to APRS!
>
> Bob
>
> Thanks!!! Hope I'm not being a pain. . .

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] Re: I don't see me. . .

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 19 Mar 2000 09:46:46 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72102-2000.03.19-14.15.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not been following all the previous messages, but the power problem caught my eye.

> -----Original Message-----
>
> > > The TH-D7 also does not show the laptop call in the heard list.
> >
> > Is the THD7 ON?   YES
> > Is it in APRS mode? YES
> > is it on the same frequency as the laptop? YES
> > What do the packets look like? Don't see any packets. . .I'm
> not showing up

> > for some reason but am on the heard list if I go back to low pwr
>

Are you running your radio off the supplied charger? If so, it does not put
out enough power to transmit on high power. As the radio goes into
transmit, it loads down the transformer/charger and the radio will probably
beep do to a low voltage condition. This might explain why it works on low
power since it probably does not overload your transformer/charger.

You need a power supply capable of putting out at least 2 amps continuous to
be able to use it for transmitting on an HT. Try running your radio on a
fully charged battery not connected to your "power supply" and see if that
corrects your problem.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Charging the TH-D7a

From: "Morris Hays" <mhays@snet.net>
Date: Sun, 19 Mar 2000 19:25:35
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72206-2000.03.19-19.25.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I only have the small wall charger that came with the unit and my question
is how do I know when the battery is charged? I don't want to overcharge it
and so try discharge it to near dead so I can put it on for a few hours
without too much worry. If it isn't near total discharge though how do I
gestimate how long to leave it on charge? If the only way is to get a
better charger I would greatly appreciate advice as to which model would be
best.
Thanks for any help.
Kell Hays
KB1DZN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Re: Charging the TH-D7a

From: BA Merrill <bmerrill@linkline.com>
Date: Sun, 19 Mar 2000 17:43:58 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72209-2000.03.19-19.43.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I plugged the unit into the charger/transformer it quit beeping and
re-opening the TNC on BCN. I then went to the manual to see how to check
battery status and it said to look at the bar graph during tx. If it's plugged
into the charger it shows a solid bar/S9. I've got to figure this one out
myself.

Morris Hays wrote:

> I only have the small wall charger that came with the unit and my question
> is how do I know when the battery is charged? I don't want to overcharge it
> and so try discharge it to near dead so I can put it on for a few hours
> without too much worry. If it isn't near total discharge though how do I
> gestimate how long to leave it on charge? If the only way is to get a
> better charger I would greatly appreciate advice as to which model would be
> best.
> Thanks for any help.
> Kell Hays
> KB1DZN
>
> ---
> You are currently subscribed to htaprs as: BMERRILL@LINKLINE.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] I SEE ME!!!

From: BA Merrill <bmerrill@linkline.com>
Date: Sun, 19 Mar 2000 17:50:49 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72212-2000.03.19-19.50.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey! I see me -- both places. Don't know if any one else does but I'm seeing both my icons on the laptop -- base and mobile. They are both appearing in the "data" list now (duh, why would I expect to see my laptop show up on it's own heard list????). . .anyway; in looking at what was appearing I figured out that I must have some input errors on the TH-D7 unit. Yup, a few typos and a change from NMEA and wa la. . . .so, if any one else sees me(s) and sees errors in the packet info being sent, please let me know what I need to correct. Actually, this learning curve has been very good for me as I've been able to spend two days now all by myself, just me and my radio, getting to know each other and I think we've bonded :)
I might actually be able to operate the radio now (well at least this part).

BTW, does any one know of a URL where I can put in street addresses and get long/lat info?

Thanks again everybody for your patience and information. See you on the map!

BettyAnn, KC6ING

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] Re: I SEE ME!!! (Map info)

From: RASNM@aol.com
Date: Sun, 19 Mar 2000 21:01:10 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72214-2000.03.19-20.00.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 3/19/00 6:52:23 PM US Mountain Standard Time, bmerrill@linkline.com writes:

<<
 BTW, does any one know of a URL where I can put in street addresses and
 get long/lat info? >>

Map Blast: <A HREF="http://www.mapblast.com/mblast/mAdr.mb">Map Address Entry</A>

have fun - Ron

Now I would like to know if there is a place where I can get altitude information via address or Long/Lat ???

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] D7/APRSDOS/D700 - strangeness

From: "Brian B. Riley" <brianbr@wulfden.org>
Date: Sun, 19 Mar 2000 21:02:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga, WB4APR" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-72215-2000.03.19-20.01.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been mucking about with APRS 846 and APRSTK here on an old 386 laptop. I am getting ready to leave the laptop which hardly draws any juice hung onto my KPC-3+ which runs the wide digi for NW VT and feed UO14/AO27 positions to the local area.

 After spending an afternoon making D7/D700 cables to replace the rats nest of tweenies et al. I left the laptop up on the dining room table running APRS846 as KA2BQE-7 with the D7 on ExtraLow power in TNC mode (as opposed to APRS mode). All seemed fine and I brought up the D700 and the GPS in the car

and set APRSDOS to track it and then left to go over to the next town.

OK, so far, so good. What I noticed was that although KA2BQE-3 showed up
nice and regular on the D700 list. KA@BQE-7 did not. I initiated a message
to KA2BQE-7 and it got ACKed, I forgot abput it for the moment, set the D700
to beacon every 20 minutes while I was stopped and when I came back out 90
minutes later, still no KA2BQE-7 in the D700 List. I resent the message from
before, changing the text a little and it too got ACKed. I started driving
home and still no "-7". I got home and went in, the system was running fine,
I watched "-7" beacon and be digipeated through KA2BQE-3, there was no way
the D700 could have missed that ... but still no KA2BQE-7 on the D700 list.
I went and shut down APRS846 and took the D7 and shut it down and then
brought it back up in APRS mode and forced a beacon ... wham bam thankyou
m'am ... KA2BQE-7 right on the top of the list ...

  ... WHY???????????
--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "You will know fear. Then you will know pain. Then you will use a Mac."
     --   from somewhere on the Net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: I SEE ME!!! (Map info)

From: David Vrona <dave@vrona.com>
Date: Sun, 19 Mar 2000 20:22:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72222-2000.03.19-20.24.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>
>Now I would like to know if there is a place where I can get altitude
>information via address or Long/Lat ???

Is there a site where I can enter any worldwide Lat/Lon and view the
location on a map?
--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] Cool D700 Tricks

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Sun, 19 Mar 2000 20:25:43 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72235-2000.03.19-22.23.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try this:
When you send the D700 "AI 1" via the serial port, is will echo back
commands as you execute them on the radio's controls. Turn the radio off,
you get "PS 0". Try sending commands to the radio when it is off. It
echoes "?". But it is off! Send it "PS 1", the opposite of "PS 0".
Nothing. Send it "PS 1", wait a split second, and send it again. The radio
turns on! So you can turn the radio on and off from the serial port.   Now,
turn the radio off, and disconnect to control head. Send the "PS 1" on
sequence. The radio turns on.!! You can completely control the radio from
the serial port with the Control Head disconnected. Oh the possibilities!!

Brent Hildebrand, KH2Z

APRS+SA
http://www.tapr.org/~kh2z/aprsplus
ftp://ftp.tapr.org/aprssig/winstuff/aprsplus

[]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Re: Cool D700 Tricks

From: "Chris Arndt" <carndt@slonet.org>
Date: Sun, 19 Mar 2000 20:38:25 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72240-2000.03.19-22.36.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wondered about this. With this info, at least the radio would have still
some use if the control head became unusable/damaged/lost/stolen...

********** REPLY SEPARATOR **********

On 3/19/00, at 8:29 PM, Brent Hildebrand wrote:

>Try this:
>When you send the D700 "AI 1" via the serial port, is will echo back
>commands as you execute them on the radio's controls. Turn the radio off,
>you get "PS 0". Try sending commands to the radio when it is off. It
>echoes "?". But it is off! Send it "PS 1", the opposite of "PS 0".
>Nothing. Send it "PS 1", wait a split second, and send it again. The
radio
>turns on! So you can turn the radio on and off from the serial port.
Now,
>turn the radio off, and disconnect to control head. Send the "PS 1" on
>sequence. The radio turns on.!! You can completely control the radio
from
>the serial port with the Control Head disconnected. Oh the
possibilities!!
>
>Brent Hildebrand, KH2Z
>
>APRS+SA
>http://www.tapr.org/~kh2z/aprsplus
>ftp://ftp.tapr.org/aprssig/winstuff/aprsplus
>
>[]
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Re: Charging the TH-D7a

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Mon, 20 Mar 2000 05:41:21 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72338-2000.03.20-07.42.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am very pleased with the MH-C777. I usually leave is set up for my
D7 battery, but also use on several other packs.
Its at http://www.maha-comm.com/products/chargers/mhc777.htm

It handles several voltages, has a discharge cycle, also a jack for 'jumper
cables'

Here's is the top link for your book mark: http://www.maha-comm.com/

Morris Hays wrote:

> I only have the small wall charger that came with the unit and my question
> is how do I know when the battery is charged? I don't want to overcharge it
> and so try discharge it to near dead so I can put it on for a few hours
> without too much worry. If it isn't near total discharge though how do I
> gestimate how long to leave it on charge? If the only way is to get a
> better charger I would greatly appreciate advice as to which model would be
> best.
> Thanks for any help.
> Kell Hays
> KB1DZN

>
> ---
> You are currently subscribed to htaprs as: kg7il@foxinternet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] Additional control head for D700?

From: Paul Jacques <PaulJ@minimed.com>
Date: Mon, 20 Mar 2000 06:48:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72353-2000.03.20-08.49.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I am considering purchasing a D700. As I have two vehicles, I would like to be able to move the D700 between vehicles. Are spare control heads available? How are the control heads mounted? Is it cumbersome to move the control head and radio in and out of the vehicle? How long is the control head cable? What is the current best going price for a D700?

Thank You,
Paul Jacques
WB6IWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: Cool D700 Tricks

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 20 Mar 2000 09:47:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72362-2000.03.20-09.45.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brent Hildebrand wrote:
>
> Try this:
> When you send the D700 "AI 1" via the serial port, is will echo back
> commands as you execute them on the radio's controls. Turn the radio off,
> you get "PS 0". Try sending commands to the radio when it is off. It
> echoes "?". But it is off! Send it "PS 1", the opposite of "PS 0".
> Nothing. Send it "PS 1", wait a split second, and send it again. The radio
> turns on! So you can turn the radio on and off from the serial port. Now,
> turn the radio off, and disconnect to control head. Send the "PS 1" on
> sequence. The radio turns on.!! You can completely control the radio from
> the serial port with the Control Head disconnected. Oh the possibilities!!
>
> Brent Hildebrand, KH2Z

Whoa Nellie! Three lite bulbs lit up as I read your comments
Brent!!!

Thanks

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] Re: Cool D700 Tricks

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 20 Mar 2000 09:48:54 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72363-2000.03.20-09.47.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Chris Arndt wrote:
>
> I wondered about this. With this info, at least the radio would have still
> some use if the control head became unusable/damaged/lost/stolen...
>

Specially since I beleive Kenwood stated they WILL NOT sell
the control heads by themselves?

Robbie

> ********** REPLY SEPARATOR **********
>
> On 3/19/00, at 8:29 PM, Brent Hildebrand wrote:
>
> >Try this:
> >When you send the D700 "AI 1" via the serial port, is will echo back
> >commands as you execute them on the radio's controls. Turn the radio off,
> >you get "PS 0". Try sending commands to the radio when it is off. It
> >echoes "?". But it is off! Send it "PS 1", the opposite of "PS 0".
> >Nothing. Send it "PS 1", wait a split second, and send it again. The
> radio
> >turns on! So you can turn the radio on and off from the serial port.
> Now,
> >turn the radio off, and disconnect to control head. Send the "PS 1" on
> >sequence. The radio turns on.!! You can completely control the radio
> from
> >the serial port with the Control Head disconnected. Oh the
> possibilities!!
> >
> >Brent Hildebrand, KH2Z
> >
> >APRS+SA
> >http://www.tapr.org/~kh2z/aprsplus
> >ftp://ftp.tapr.org/aprssig/winstuff/aprsplus
> >
> >[]
> >
> >
> >---
> >You are currently subscribed to htaprs as: carndt@slonet.org
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] RE: Additional control head for D700?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 20 Mar 2000 10:50:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72364-2000.03.20-09.49.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood will not sell replacement control heads. Their documentation states
that they are not available. I have a D700 that I move from my vehicle to
my shack, and vice-verse. As of one month ago, the mounting bracket was not
yet available either, so I made one out of sheet metal. The Kenwood service
center had no replacement parts for the unit at that time. They may have
parts by now. I suspect that they are expensive. The bracket comes in two
parts, a self adhesive base and a tilting bracket.

The head is easy to remove. It slides into the tilting bracket. To remove

it, press a detent on the bracket and slide the head off. The cable from
the head to the radio is long; perhaps two meters. You can't readily
shorten it. I wish I had a second cable because the most time consuming
task to move the radio is to reroute the cable.

Rich Carter -KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Paul Jacques
Sent: Monday, March 20, 2000 9:48 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Additional control head for D700?

Hi,

        I am considering purchasing a D700. As I have two vehicles, I would
like to be able to move the D700 between vehicles. Are spare control heads
available? How are the control heads mounted? Is it cumbersome to move the
control head and radio in and out of the vehicle? How long is the control
head cable? What is the current best going price for a D700?

                                                                Thank You,
                                                                Paul Jacques
                                                                WB6IWT

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] Re: Additional control head for D700?

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 20 Mar 2000 09:54:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72367-2000.03.20-09.53.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Paul Jacques wrote:
>
> Hi,
>
>   I am considering purchasing a D700. As I have two vehicles, I would
> like to be able to move the D700 between vehicles. Are spare control heads
> available? How are the control heads mounted? Is it cumbersome to move the
> control head and radio in and out of the vehicle? How long is the control
> head cable? What is the current best going price for a D700?
>
>   Thank You,
>   Paul Jacques
>   WB6IWT

You will not be able to get a spare control head until
Kenwood changes its statement that they will not be
available..

You need to either "build" your own extision cables, or buy
the extension kits from Kenwood or a third party...

I made a second bracket for the control head, run two sets
of cables in two seperate cars.. Unplug from one, plug into
the second car and go..

Robbie

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] Re: Cool D700 Tricks

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 20 Mar 2000 11:00:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72368-2000.03.20-09.59.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Too bad Kenwood's software doesn't have a virtual frontpanel like the TS-570
does.

Rich Carter -KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Robbie Robertson
Sent: Monday, March 20, 2000 10:47 AM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] Re: Cool D700 Tricks

Brent Hildebrand wrote:
>
> Try this:
> When you send the D700 "AI 1" via the serial port, is will echo back
> commands as you execute them on the radio's controls. Turn the radio off,
> you get "PS 0". Try sending commands to the radio when it is off. It
> echoes "?". But it is off! Send it "PS 1", the opposite of "PS 0".
> Nothing. Send it "PS 1", wait a split second, and send it again. The
radio
> turns on! So you can turn the radio on and off from the serial port.
Now,
> turn the radio off, and disconnect to control head. Send the "PS 1" on
> sequence. The radio turns on.!! You can completely control the radio
from
> the serial port with the Control Head disconnected. Oh the
possibilities!!
>
> Brent Hildebrand, KH2Z

Whoa Nellie! Three lite bulbs lit up as I read your comments
Brent!!!

Thanks

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] Re: Additional control head for D700?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 20 Mar 2000 11:06:04 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72370-2000.03.20-10.06.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 20 Mar 2000, Paul Jacques wrote:

>   I am considering purchasing a D700. As I have two vehicles, I would
> like to be able to move the D700 between vehicles. Are spare control heads
> available? How are the control heads mounted? Is it cumbersome to move the
> control head and radio in and out of the vehicle? How long is the control
> head cable? What is the current best going price for a D700?

No, they do not sell spares
It is a phone modular connector.
Its a snap to detach it and move it an re-plug in at the other car...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] D7 Deaf

From: rbost@itexas.net (Roy Bost)
Date: Mon, 20 Mar 2000 10:42:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72382-2000.03.20-10.41.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I put my d7 in Packet mode and plug it into my laptop, it seems to be
deaf as a post! It will only show the position of a station that is very
close. The radio seems to hear ok but nothing shows up on the computer..
Have I missed something in the set-up? I'm using WinAPRS in the laptop.

Roy Bost N5TAM
rbost@itexas.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] Re: D7 Deaf

From: "Steven K. Ng" <skng@iex.net>
Date: Mon, 20 Mar 2000 09:17:14 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72388-2000.03.20-11.17.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You may be getting noise from the PC into your radio through the data
cable. I encountered the same problem with a home made data cable.
I installed a snap on line filter from Radio Shack. It worked fine
after that.

Steven

At 10:42 -0600 3/20/2000, Roy Bost wrote:
>When I put my d7 in Packet mode and plug it into my laptop, it seems to be
>deaf as a post! It will only show the position of a station that is very
>close. The radio seems to hear ok but nothing shows up on the computer..
>Have I missed something in the set-up? I'm using WinAPRS in the laptop.
>
>Roy Bost N5TAM
>rbost@itexas.net
>
>
>---
>You are currently subscribed to htaprs as: skng@iex.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Steven Ng

PGP Public Key - http://members.iex.net/~skng/skng-PublicKey.txt

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] D7 sub-mini plug

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Mon, 20 Mar 2000 09:46:51 PST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72391-2000.03.20-11.46.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know of a source for the sub-mini stereo plug used on the D7? I
have been unable to locate a source and would like to obtain some extras.
Thanks
_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] Re: D7 sub-mini plug

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 20 Mar 2000 13:31:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72414-2000.03.20-13.30.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Radio Shack has them.. I have used them and they will do...

Robbie

Jim Morrison wrote:
>
> Does anyone know of a source for the sub-mini stereo plug used on the D7? I
> have been unable to locate a source and would like to obtain some extras.
> Thanks
> _____
> Get Your Private, Free Email at http://www.hotmail.com
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] Re: D7 Deaf

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 20 Mar 2000 11:07:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72386-2000.03.20-11.06.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Supposedly, some from Kenwood mentioned the signal has to be
full scale to be decoded. This can be very close to accurate
as far as I am concerned.. Also, the stock antennae seems to
be lacking somewhat.. :-)
Try a better antenna and height.. Welcome to the club...

Robbie

Roy Bost wrote:
>
> When I put my d7 in Packet mode and plug it into my laptop, it seems to be
> deaf as a post! It will only show the position of a station that is very
> close. The radio seems to hear ok but nothing shows up on the computer..
> Have I missed something in the set-up? I'm using WinAPRS in the laptop.
>
> Roy Bost N5TAM
> rbost@itexas.net
>
> ---

> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

165. [htaprs] D700's at APRS Gatherings

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 20 Mar 2000 16:21:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72440-2000.03.20-15.21.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As I was just e-mailing Marc, VA3DRV to sign up for the APRS meeting in
Ottowa next month, it occurred to me that with hamfest season upon us, and
particularly Dayton, that thought needs to be given to the social protocol
of when to leave your digipeater on in your D700.

Almost everyone I know of who has a D700, except Hasan, also has a D7; and
most of them leave digipeat on so they can use their D7 on EL power from
whereever.

 It seems to me that a parking lot with even three or four D700s all with
digi on would be a mess; lots of frames bouncing around and not getting very
far. A dozen or so would be a disaster!

 Just my $.02!!!

  73 de brian, ka2bqe
--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  -- give us the rights Abraham Lincoln cherished lovingly:
     "Those who deny freedom to others deserve it not for themselves."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] RE: D700's at APRS Gatherings

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 20 Mar 2000 16:38:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72443-2000.03.20-15.40.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have two modes of operation for my D700,

 Memory mode 1: Driving with GPS on, beacon every 2 min. Digi off.
    No need to use the D7 while driving the truck

 Memory mode 5: Parked with GPS on, beacon every 30 min. Digi on. (relay)
    EL power is used on the D7 when I am not driving and I am outside of
the truck.

  Brian, you are right a parking lot full of digi's would be a mess!

  Dwight

> -----Original Message-----
> From: Brian B. Riley [SMTP:brianbr@macconnect.com]
> Sent: Monday, March 20, 2000 4:22 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] D700's at APRS Gatherings
>
> As I was just e-mailing Marc, VA3DRV to sign up for the APRS meeting in
> Ottowa next month, it occurred to me that with hamfest season upon us, and
> particularly Dayton, that thought needs to be given to the social protocol
> of when to leave your digipeater on in your D700.

>
> Almost everyone I know of who has a D700, except Hasan, also has a D7; and
> most of them leave digipeat on so they can use their D7 on EL power from
> whereever.
>
> It seems to me that a parking lot with even three or four D700s all with
> digi on would be a mess; lots of frames bouncing around and not getting
> very
> far. A dozen or so would be a disaster!
>
> Just my $.02!!!
>
>   73 de brian, ka2bqe
> --
> Brian B. Riley --> http://members.macconnect.com/~brianbr
> For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>
>
>   -- give us the rights Abraham Lincoln cherished lovingly:
>   "Those who deny freedom to others deserve it not for themselves."
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] RE: D700's at APRS Gatherings

From: "Mac" <w8xf@citynet.net>
Date: Mon, 20 Mar 2000 16:58:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72448-2000.03.20-15.58.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> Memory mode 5: Parked with GPS on, beacon every 30 min. Digi on. (relay)
>   EL power is used on the D7 when I am not driving and I am outside of
>the truck.
>
> Brian, you are right a parking lot full of digi's would be a mess!

Instead of Relay as alias, use your callsign with another ssid on the D700
in digi mode. Then, you will be the only one with that call in ur upath from
the D7...
my $0.02 worth!

Mac W8XF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] RE: D700's at APRS Gatherings

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 20 Mar 2000 17:01:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72451-2000.03.20-16.01.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/20/00 4:38 PM, Hazen, Dwight L at hazen@indiana.edu wrote:

> I have two modes of operation for my D700,
>
> Memory mode 1: Driving with GPS on, beacon every 2 min. Digi off.
> No need to use the D7 while driving the truck
>
> Memory mode 5: Parked with GPS on, beacon every 30 min. Digi on. (relay)
> EL power is used on the D7 when I am not driving and I am outside of
> the truck.
>
> Brian, you are right a parking lot full of digi's would be a mess!
>
> Dwight

In essence that is exactly what I do, except what you call PM5 I have in
PM3 and in PM2 I have the same thing as PM3 except with DIGI OFF.

One thing I do differently is that I have the digi do RELAY,WIDE,TRACE, that
way I can 'see' what is going on as my D700 will repeat stuff coming from
the KA2BQE-3 digi. My location at work is tucked in a low spot where I can
hear and be heard by my Wide digi a home but will not likely be heard beyond
a mile or two
--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

     "Home is where your books are" --   Kitty O'Neal

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] RE: D700's at APRS Gatherings

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 20 Mar 2000 17:42:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72458-2000.03.20-16.44.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/20/00 4:58 PM, Mac at w8xf@citynet.net wrote:

>> Memory mode 5: Parked with GPS on, beacon every 30 min. Digi on. (relay) EL
>> power is used on the D7 when I am not driving and I am outside of the truck.
>>
>> Brian, you are right a parking lot full of digi's would be a mess!
>>
> Instead of Relay as alias, use your callsign with another ssid on the D700 in
> digi mode. Then, you will be the only one with that call in ur upath from the
> D7... my $0.02 worth!

 I know all the nuts and bolts here, but the point I wished to make was that
with the newness and popularity of the D700 and with Spring coming and that
meaning ham and particularly APRS gatherings in the near future we need to
anticipate what could happen and get D700 owners thinking along those lines.
I would be very surprised if any of the D700 owners out there had even given
it a thought. I certainly would not have if I hadn't been corresponding with
Marc about the upcoming APRS meeting and he and I both being D7/D700
owners/users who regularly keep the digi on when we are parked so we can use
or D7s while apart from our vehicles.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Arrogance and stupidity, all in the same package ... how efficient
  of you!"   - Ambassador Londo Mollari, Babylon 5

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] TM-D700 Control Prog

From: "Karl G6ODT" <g6odt@freeuk.com>
Date: Mon, 20 Mar 2000 23:38:52 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72466-2000.03.20-17.41.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For anybody who might be interested I have a Beta version
of a control program I'm writing for the Kenwood TM-D700.

At present you have Tuning controls that work and messaging
using the PC.

Check http://www.btinternet.com/~g6odt/d700.html

for more details and screen shots.

73 Karl G6ODT

g6odt@yahoo.com
http://members.tripod.com/~g6odt/packet.html
http://backdoor.to/g6odt

24hr Digi 144.800 Relay,Wide,Irth,G6ODT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Re: TM-D700 Control Prog

From: Kevin Kelly <kmkelly@alltel.net>
Date: Mon, 20 Mar 2000 19:46:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72476-2000.03.20-18.38.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings,

What a great program! You folks with programming skills are awesome! Now
that is what call a "Virtual Front Panel". Thanks and keep up the good
work.

73,
Kevin/N6QAB

Karl G6ODT wrote:

> For anybody who might be interested I have a Beta version
> of a control program I'm writing for the Kenwood TM-D700.
>
> At present you have Tuning controls that work and messaging
> using the PC.
>
> Check http://www.btinternet.com/~g6odt/d700.html
>
> for more details and screen shots.
>
> 73 Karl G6ODT
> g6odt@yahoo.com
> http://members.tripod.com/~g6odt/packet.html
> http://backdoor.to/g6odt
>
> 24hr Digi 144.800 Relay,Wide,Irth,G6ODT
>
> -

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] TH-D7a & Peet WX Stations

From: "John E. Bruckner" <jbruckner@home.com>
Date: Mon, 20 Mar 2000 18:57:48 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72481-2000.03.20-18.57.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In using my TH-D7a to check APRS WX broadcasts, I can receive all Davis,
Radio Shack and Peet UII WX stations but not my own Peet U2K or any of the
other Peet U2000 broadcasts. I and the other U2K stations (in town) are
sending WX out in Peet Data Logging Mode (prefaced with "!!"). It doesn't
matter if I set the unproto to APRS or to the default APK001. I can see and
read the WX data fine using APRS Plus or WinAPRS, just not on the TH-D7a.
In receiving the original APRS traffic I only see "?? W0HII" or "?? AJ0A"
(both Peet U2K Stations). Anyone have a easy fix or idea what my problem
is?

TIA

John W0HII

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Indoor tracking at Dayton!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 20 Mar 2000 22:09:08 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72504-2000.03.20-21.08.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 20 Mar 2000, Brian B. Riley wrote about Dayton...

> It seems to me that a parking lot with even three or four D700s all with
> digi on would be a mess; lots of frames bouncing around and not getting very
> far. A dozen or so would be a disaster!

Then bring them in doors! I need seven D700's, one in each room at Dayton serving as BOX-N digis. I am building 7 Special BOX-N digi antennas which when stuck on a D700, will attenuate their reception by 60 dB so that they will only pick up D7's that are in the same room with them. SInce the D700 does Callsign Substitution and APRSdos does vicinity tracking, then everyone indoors with a D7 will be captured and placed in the correct room on the APRS maps. THus INDOOR APRS tracking!

Ill make the attenuators/antennas if others of you will bring your D700's indoors. The arena (kenwood) and North hall (APRS) are already covered. ANyone else with a D700 going to be stuck in one of the other rooms?

To see how indoor tracking works, read VICINITY.TXT included in all the README files with APRSdos...

In fact, a few of these outside in the corners of the flea market and then we can track everyone without anyone having to carry a GPS. THat is, at least we will know where they are within about 100 yards (which is no worse than GPS with SA anyway...!)

Dont worry about QRM. THese BOX-N digis will listen on 144.39 but transmit what they hear on a UHF freq...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] D700 ad errors?

From: "Chris Arndt" <chris@tbo.net>
Date: Mon, 20 Mar 2000 20:30:53 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72516-2000.03.20-22.28.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's a challenge. Check out the D700 ad on the back of QST. How many "errors" are there on the D700 control head display? So as not to split hairs, let's assume standard "defaults", etc.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Pic up: Re: D700 ad errors?

From: "Chris Arndt" <carndt@slonet.org>
Date: Mon, 20 Mar 2000 20:48:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72518-2000.03.20-22.46.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So everyone can play, I snapped a pic of the control head part of the ad, and put it up at
http://www.tbo.net/d700ad.htm

********** REPLY SEPARATOR **********

On 3/20/00, at 8:32 PM, Chris Arndt wrote:

>Here's a challenge. Check out the D700 ad on the back of QST. How many
>"errors" are there on the D700 control head display? So as not to split
>hairs, let's assume standard "defaults", etc.
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Palm Pilot Control Head?

From: oester@us.ibm.com
Date: Mon, 20 Mar 2000 09:16:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72576-2000.03.21-03.08.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, since Brent figured out that you don't need the control head, the
obvouis choice for D700 control is the Palm Pilot! Entering messages using
Graffiti! Maybe we could rool this up with Pocket APRS?

Bob Oesterlin, NØEST

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] Re: Pic up: Re: D700 ad errors?

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 21 Mar 2000 07:20:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72585-2000.03.21-06.19.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/20/00 11:48 PM, Chris Arndt at carndt@slonet.org wrote:

> So everyone can play, I snapped a pic of the control head part of the ad,
> and put it up at
> http://www.tbo.net/d700ad.htm
>
>
> ********** REPLY SEPARATOR **********
>
> On 3/20/00, at 8:32 PM, Chris Arndt wrote:
>
>> Here's a challenge. Check out the D700 ad on the back of QST. How many
>> "errors" are there on the D700 control head display? So as not to split
>> hairs, let's assume standard "defaults", etc.
>>

 Well here is what I see;

 1 - APRS on 146.97 (-600) - except it could be a MIC-e enabled repeater -
which is further evidenced by the PTT being on the APRS side.

 2 - 448.525 MHz (+5 MHz) is out of the ham bands

 73 de brian, ka2bqe

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Frisbeetarianism, n.: The belief that when you die, your soul goes
   up on the roof and gets stuck." -- author unknown

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] Re: D7 sub-mini plug

From: "Edward A. Behl" <eabehl@gte.net>
Date: Tue, 21 Mar 2000 07:44:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72594-2000.03.21-06.43.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim -

> Does anyone know of a source for the sub-mini stereo plug used on the D7? I
> have been unable to locate a source and would like to obtain some extras.
> Thanks

There are some links to sources on my website, at
http://www.eabehl.com/hamradio/files/thd7plug.txt

Good luck & 73

Ed, KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

179. [htaprs] link7 Released

From: "Anthony Parise" <aparise@fast.net>
Date: Tue, 21 Mar 2000 8:41:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72607-2000.03.21-08.41.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My new program for the TH-D7, "link7" is now available. It does everything
the Kenwood program did, plus allows blocks of memory channels to be copied
and pasted and sorted. It also includes a simple packet terminal. The URL
is http://www.qsl.net/wa3hrl

The program is freeware, so give it a try and tell me what you think.

Tony Parise
WA3HRL
aparise@fast.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] FS: Palm III hot sync cradle.

From: David Vrona <dave@vrona.com>
Date: Tue, 21 Mar 2000 09:44:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72614-2000.03.21-09.46.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I have an extra Palm hot-sync cradle here. I thought I would offer it to a
fellow ham before I put it on Ebay.

Best reasonable offer accepted.

thanks,
dave
n9qnz
--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] Re: link7 Released

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Tue, 21 Mar 2000 19:16:34 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72624-2000.03.21-11.17.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One word to some this program up.

WOW !

Its even better (I think) than the original.

Well done Tony

73'

Peter
ZR5DWC

----- Original Message -----
From: "Anthony Parise" <aparise@fast.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, March 21, 2000 10:41 AM
Subject: [htaprs] link7 Released

> My new program for the TH-D7, "link7" is now available. It does
everything
> the Kenwood program did, plus allows blocks of memory channels to be
copied
> and pasted and sorted. It also includes a simple packet terminal. The URL
> is http://www.qsl.net/wa3hrl
>
> The program is freeware, so give it a try and tell me what you think.
>
> Tony Parise
> WA3HRL
> aparise@fast.net
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: D7 Deaf

From: Carl <carl_mail@dr.com>
Date: Tue, 21 Mar 2000 18:35:00 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-72635-2000.03.21-12.36.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> When I put my d7 in Packet mode and plug it into my laptop, it seems to be
> deaf as a post! It will only show the position of a station that is very
> close. The radio seems to hear ok but nothing shows up on the computer..
> Have I missed something in the set-up? I'm using WinAPRS in the laptop.

Me too. If I plug the THD7 into my Psion palmtop the psion de-senses the THD
to the point it isnt useful. I wanted to be able to remotely reprogram the
digpeater in the car :(

Last weekend I went to a radio rally with the THD7, its front end is
about as wide as you can imagine, all sorts of hams were coming through
on several frequencies at the same time (ok, probably mixing products, there
were a lot about) but I did have the official kenwood attenutator (whip
antenna) in place, and its never happened with any other radio..

I bet it underperforms on a base antenna?

Its ok as a handi tho.

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] Re: D7 Deaf

From: Dick Kors <kors@netcom.com>
Date: Tue, 21 Mar 2000 13:03:47 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72654-2000.03.21-15.04.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am having the same problem and am wondering if it mght be solved by using the Kenwood RS-232 cable instead of the home brew one I am using. Since pictures of the Kenwood cable appear to have filters at both ends and I don't on my home made cable, could the cable be acting as a broadly tuned antenna and de-sensing the D-7 ?

Dick, KM6EP

Carl wrote:

> > When I put my d7 in Packet mode and plug it into my laptop, it seems to be
> > deaf as a post! It will only show the position of a station that is very
> > close. The radio seems to hear ok but nothing shows up on the computer..
> > Have I missed something in the set-up? I'm using WinAPRS in the laptop.
>
> Me too. If I plug the THD7 into my Psion palmtop the psion de-senses the THD
> to the point it isnt useful. I wanted to be able to remotely reprogram the
> digpeater in the car :(
>
> Last weekend I went to a radio rally with the THD7, its front end is
> about as wide as you can imagine, all sorts of hams were coming through
> on several frequencies at the same time (ok, probably mixing products, there
> were a lot about) but I did have the official kenwood attenutator (whip
> antenna) in place, and its never happened with any other radio..
>
> I bet it underperforms on a base antenna?
>
> Its ok as a handi tho.
>
> Carl gw0tqm
> gw0tqm@iname.com
>
> ---
> You are currently subscribed to htaprs as: kors@netcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] Re: Indoor tracking at Dayton!

From: Robert Marley <13764@UDel.Edu>
Date: Tue, 21 Mar 2000 16:16:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72657-2000.03.21-15.17.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If vicinity tracking will work with the D700's, This could be the answer to the caving question. Underground digi's !! Just what the modern caver needs.

Bob Bruninga wrote:
>
> On Mon, 20 Mar 2000, Brian B. Riley wrote about Dayton...
>
> > It seems to me that a parking lot with even three or four D700s all with
> > digi on would be a mess; lots of frames bouncing around and not getting very
> > far. A dozen or so would be a disaster!
>
> Then bring them in doors! I need seven D700's, one in each room at Dayton
> serving as BOX-N digis. I am building 7 Special BOX-N digi antennas which
> when stuck on a D700, will attenuate their reception by 60 dB so that they
> will only pick up D7's that are in the same room with them. SInce the
> D700 does Callsign Substitution and APRSdos does vicinity tracking, then
> everyone indoors with a D7 will be captured and placed in the correct
> room on the APRS maps. THus INDOOR APRS tracking!

>
> Ill make the attenuators/antennas if others of you will bring your D700's
> indoors. The arena (kenwood) and North hall (APRS) are already covered.
> ANyone else with a D700 going to be stuck in one of the other rooms?
>
> To see how indoor tracking works, read VICINITY.TXT included in all the
> README files with APRSdos...
>
> In fact, a few of these outside in the corners of the flea market and then
> we can track everyone without anyone having to carry a GPS. THat is, at
> least we will know where they are within about 100 yards (which is no
> worse than GPS with SA anyway...!)
>
> Dont worry about QRM. THese BOX-N digis will listen on 144.39 but
> transmit what they hear on a UHF freq...
>
> de WB4APR, Bob
>
> ---
> You are currently subscribed to htaprs as: 13764@UDEL.EDU
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Robert Marley

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] CDN Palmaprs Maps

From: "Eric Cuthbert" <va3ewc@rac.ca>
Date: Tue, 21 Mar 2000 15:28:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72658-2000.03.21-15.28.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All, I was wondering if there were any Canadian Hams experimenting with
Pocketaprs and/or is there anyone on the sig that is/would produce(ing)
Canadian maps for said??

Any info would be appreciated

Thanks in advance Eric - va3ewc

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] APRS TCP/IP coverage map application?

From: Chris Arndt <carndt@slonet.org>
Date: Tue, 21 Mar 2000 13:44:30 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-72663-2000.03.21-15.44.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's the deal. We are testing some mobile IP routers (www.nova-eng.com
and click on the NovaRoam 900.) These are 900 mhz spread spectrum mobile
ethernet devices with a max speed of 1.008 megabits.

I got to wondering how to make coverage maps. Right now I stop the jeep,
ping the office, and see if it works.

If I hook up a GPS to the laptop as for regular ol' APRS, can I
configure one of the APRS programs like APRSdos or WinAPRS to send posits
out the network, instead of a TNC/radio? At the other end, can I have one
of the programs pick up the posits off the network like one of the
servers?

If I could do that once a second, all I have to do is drive around town
for a while and then come back and look at the map to see how coverage is.

Any thoughts?

Chris

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] D7 Computer software and cable offer?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Tue, 21 Mar 2000 17:15:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72673-2000.03.21-16.15.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I almost purchased a D7 this afternoon, but apparently Kenwood's offer to provide a free cable and software has expired. I can find no reference to it on their web site, and the sales person thought that the offer expired of 2/29. Does anyone know if the offer has been extended. If I have to buy software and cable, plus other goodies, that increases the price. If the price with accessories goes up much more, I might buy a different radio.

Also, the sales person hinted that the radio is somewhat awkward to operate. My eyesight isn't what it used to be, and I'd be frustrated if the controls are poorly thought out. Any comments pro or con?

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] Re: D7 Deaf

From: Joe.Cram@ejgallo.com
Date: Tue, 21 Mar 2000 15:03:31 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72682-2000.03.21-17.03.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have this same problem with the factory Kenwood RS-232 cable. I have to remove the rubber duck and connect to a gain antenna for things to work properly while connected.

-Joe
k6joe

-----Original Message-----
From: Dick Kors [mailto:kors@netcom.com]
Sent: Tuesday, March 21, 2000 1:04 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: D7 Deaf

I am having the same problem and am wondering if it mght be solved by using the
Kenwood RS-232 cable instead of the home brew one I am using. Since pictures
of the Kenwood cable appear to have filters at both ends and I don't on my home
made cable, could the cable be acting as a broadly tuned antenna and de-sensing
the D-7 ?

Dick, KM6EP

Carl wrote:

> > When I put my d7 in Packet mode and plug it into my laptop, it seems to be
> > deaf as a post! It will only show the position of a station that is very
> > close. The radio seems to hear ok but nothing shows up on the computer..
> > Have I missed something in the set-up? I'm using WinAPRS in the laptop.
>
> Me too. If I plug the THD7 into my Psion palmtop the psion de-senses the THD
> to the point it isnt useful. I wanted to be able to remotely reprogram the

> digpeater in the car :(
>
> Last weekend I went to a radio rally with the THD7, its front end is
> about as wide as you can imagine, all sorts of hams were coming through
> on several frequencies at the same time (ok, probably mixing products,
there
> were a lot about) but I did have the official kenwood attenutator (whip
> antenna) in place, and its never happened with any other radio..
>
> I bet it underperforms on a base antenna?
>
> Its ok as a handi tho.
>
> Carl gw0tqm
> gw0tqm@iname.com
>
> ---
> You are currently subscribed to htaprs as: kors@netcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: k6JOE@Chat.Net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

189. [htaprs] Re: Indoor tracking at Dayton!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 21 Mar 2000 18:05:33 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72683-2000.03.21-17.05.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 21 Mar 2000, Robert Marley wrote:

> If vicinity tracking will work with the D700's, This could be the answer
> to the caving question. Underground digi's !! Just what the modern
> caver needs.

Yep, but kinda expensive. I assume you have read my CAVE.TXT?

Bob

>
> Bob Bruninga wrote:
> >
> > On Mon, 20 Mar 2000, Brian B. Riley wrote about Dayton...
> >
> > > It seems to me that a parking lot with even three or four D700s all with
> > > digi on would be a mess; lots of frames bouncing around and not getting very
> > > far. A dozen or so would be a disaster!
> >
> > Then bring them in doors! I need seven D700's, one in each room at Dayton
> > serving as BOX-N digis. I am building 7 Special BOX-N digi antennas which
> > when stuck on a D700, will attenuate their reception by 60 dB so that they
> > will only pick up D7's that are in the same room with them. SInce the
> > D700 does Callsign Substitution and APRSdos does vicinity tracking, then
> > everyone indoors with a D7 will be captured and placed in the correct
> > room on the APRS maps. THus INDOOR APRS tracking!
> >
> > Ill make the attenuators/antennas if others of you will bring your D700's
> > indoors. The arena (kenwood) and North hall (APRS) are already covered.
> > ANyone else with a D700 going to be stuck in one of the other rooms?
> >
> > To see how indoor tracking works, read VICINITY.TXT included in all the
> > README files with APRSdos...
> >
> > In fact, a few of these outside in the corners of the flea market and then
> > we can track everyone without anyone having to carry a GPS. THat is, at
> > least we will know where they are within about 100 yards (which is no
> > worse than GPS with SA anyway...!)
> >
> > Dont worry about QRM. THese BOX-N digis will listen on 144.39 but
> > transmit what they hear on a UHF freq...

> >
> > de WB4APR, Bob
> >
> > ---
> > You are currently subscribed to htaprs as: 13764@UDEL.EDU
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> --
> Robert Marley
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] Re: Indoor tracking at Dayton!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 21 Mar 2000 18:06:08 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-72684-2000.03.21-17.07.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 21 Mar 2000, Robert Marley wrote:

> If vicinity tracking will work with the D700's, This could be the answer
> to the caving question. Underground digi's !! Just what the modern
> caver needs.

Yep, I assume you have read my CAVES.TXT in the APRSdos readme Docs?

Bob

>
> Bob Bruninga wrote:
> >
> > On Mon, 20 Mar 2000, Brian B. Riley wrote about Dayton...
> >
> > > It seems to me that a parking lot with even three or four D700s all with
> > > digi on would be a mess; lots of frames bouncing around and not getting very
> > > far. A dozen or so would be a disaster!
> >
> > Then bring them in doors! I need seven D700's, one in each room at Dayton
> > serving as BOX-N digis. I am building 7 Special BOX-N digi antennas which
> > when stuck on a D700, will attenuate their reception by 60 dB so that they
> > will only pick up D7's that are in the same room with them. SInce the
> > D700 does Callsign Substitution and APRSdos does vicinity tracking, then
> > everyone indoors with a D7 will be captured and placed in the correct
> > room on the APRS maps. THus INDOOR APRS tracking!
> >
> > Ill make the attenuators/antennas if others of you will bring your D700's
> > indoors. The arena (kenwood) and North hall (APRS) are already covered.
> > ANyone else with a D700 going to be stuck in one of the other rooms?
> >
> > To see how indoor tracking works, read VICINITY.TXT included in all the
> > README files with APRSdos...
> >
> > In fact, a few of these outside in the corners of the flea market and then
> > we can track everyone without anyone having to carry a GPS. THat is, at
> > least we will know where they are within about 100 yards (which is no
> > worse than GPS with SA anyway...!)
> >
> > Dont worry about QRM. THese BOX-N digis will listen on 144.39 but
> > transmit what they hear on a UHF freq...
> >
> > de WB4APR, Bob
> >
> > ---
> > You are currently subscribed to htaprs as: 13764@UDEL.EDU
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

>
> --
> Robert Marley
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] Re: APRS TCP/IP coverage map application?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 21 Mar 2000 18:09:12 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-72685-2000.03.21-17.09.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 21 Mar 2000, Chris Arndt wrote:

> I got to wondering how to make coverage maps. Right now I stop the jeep,
> ping the office, and see if it works.
>
> If I hook up a GPS to the laptop as for regular ol' APRS, can I
> configure one of the APRS programs like APRSdos or WinAPRS to send posits
> out the network, instead of a TNC/radio? At the other end, can I have one
> of the programs pick up the posits off the network like one of the
> servers?

Yes, instead of a TNC, your data will go through your network. Its plug
and play...

bob

>
> If I could do that once a second, all I have to do is drive around town
> for a while and then come back and look at the map to see how coverage is.
>
> Any thoughts?
>
> Chris
>
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] D700 & external TNC

From: "ke4slc" <ke4slc@midusa.net>
Date: Tue, 21 Mar 2000 17:55:48 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72690-2000.03.21-17.56.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried to hookup an external TNC to the D700. Soon I will be
traveling alot and want to do HF Aprs. I'm looking for clues as to how to
address the external tnc via aprs. How do I setup the D700?
Thanks

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] Re: D7 Deaf

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 21 Mar 2000 22:47:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72732-2000.03.21-21.47.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have run the D7 with my home made Mouser cable sans snap on cores, on two
different model Mac Powerbooks, a Toshiba 1850 Satellite laptop, and IBM
PS-2 laptop, Gateway 2000 P60 system and my mainstay PowerMac G3 ... the D7
ran just fine with the stock rubber duck on all of them.

I will say that when running my PowerMac I had to be careful where and how I
oriented the D7 there were one or two spots that would get some hash but
that was cured by simply moving the talkie a few inches.

At work I run the the stock rubber duck, EL power about 300 feet to my
Blazer with the D700 as a digipeater through about 5 masonry walls and my
classroom is next to a room full of computers.

I also cave a Comet SMA-24 antenna and there is no question that it works
better than the duck, but there is no question that its not an antenna that
you keep on an HT all the time - it would be destroyed in a a few days at
most.

There is a price to be paid for every benefit!

on 3/21/00 6:03 PM, Joe.Cram@ejgallo.com at Joe.Cram@ejgallo.com wrote:

> I have this same problem with the factory Kenwood RS-232 cable.   I have to
> remove the rubber duck and connect to a gain antenna for things to work
> properly while connected.
>
> -Joe k6joe
>
> -----Original Message----- From: Dick Kors [mailto:kors@netcom.com] Sent:
> Tuesday, March 21, 2000 1:04 PM To: TAPR Hot Technology APRS Subject: [htaprs]
> Re: D7 Deaf
>
> I am having the same problem and am wondering if it mght be solved by using
> the Kenwood RS-232 cable instead of the home brew one I am using. Since
> pictures of the Kenwood cable appear to have filters at both ends and I don't
> on my home made cable, could the cable be acting as a broadly tuned antenna
> and de-sensing the D-7 ?
>
> Dick, KM6EP
>
> Carl wrote:
>
>>> When I put my d7 in Packet mode and plug it into my laptop, it seems to be
>>> deaf as a post! It will only show the position of a station that is very
>>> close. The radio seems to hear ok but nothing shows up on the computer..
>>> Have I missed something in the set-up? I'm using WinAPRS in the laptop.
>>>
>> Me too. If I plug the THD7 into my Psion palmtop the psion de-senses the THD
>> to the point it isnt useful. I wanted to be able to remotely reprogram the
>> digpeater in the car :(
>>
>> Last weekend I went to a radio rally with the THD7, its front end is about as
>> wide as you can imagine, all sorts of hams were coming through on several
>> frequencies at the same time (ok, probably mixing products, there were a lot
>> about) but I did have the official kenwood attenutator (whip antenna) in
>> place, and its never happened with any other radio..
>>
>> I bet it underperforms on a base antenna?

--
Brian B. Riley --> http://members.macconnect.com/~brianbr

For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"For every action, there is an equal and opposite criticism."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] LAS VEGAS aprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 21 Mar 2000 20:53:59 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72743-2000.03.21-22.52.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i have replied to several posts about status on the two aprs digis in las vegas.

i sent e mail to n7zev frank who runs the digis, and hope to hear from him.

i think the snow up on digi 1 at 8200 feet on mountain potosi may be a problem, the other site digi 2 on apex north east by the air force base, no ideas other than hardware malfunction, i live on the east side and been unable to hit the digi.

i also am not sure of the I- gate operator.....soon as i get status i will pass it along.

we sure miss the digi repeaters in las vegas thats a fact!

73

talkback voice is 448.625 114.8 fm that machine is up at 1200 feet ahat south of the airport
find me on a map! go to http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] Re: D7 Deaf

From: Joseph Cunningham <jcunning@oem.state.or.us>
Date: Tue, 21 Mar 2000 22:16:44 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Dick Kors <kors@netcom.com>
Message-ID: <LYR845-72801-2000.03.22-00.16.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Dick (and the list),

I've built my own serial cables, and found that when using twisted pair, one side of each pair needs to be grounded, or else there are spurious signals all over the place (and crosstalk galore).

Just my 2 cents,
Joseph KB7PPL

At 01:03 PM 3/21/00 -0800, Dick Kors wrote:
>I am having the same problem and am wondering if it mght be solved by using the
>Kenwood RS-232 cable instead of the home brew one I am using. Since pictures
>of the Kenwood cable appear to have filters at both ends and I don't on my home
>made cable, could the cable be acting as a broadly tuned antenna and de-sensing
>the D-7 ?
>
>Dick, KM6EP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] Re: Cool D700 Tricks

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 22 Mar 2000 04:28:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72834-2000.03.22-04.28.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:25 PM 3/19/00 -0800, Brent Hildebrand wrote:

>
>...You can completely control the radio from
>the serial port with the Control Head disconnected. Oh the possibilities!!
>
>Brent Hildebrand, KH2Z
>

My FT-8500 has this ability, and I got in in 1996...CAT control thru the
packet port. What's cool on the FT-8500 is you can set the radio, lock the
controls, and remove the serial microphone. Then no one can change your
APRS settings! About the only thing they can do with the radio is turn it
off and on.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] APRStk problem

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Wed, 22 Mar 2000 5:35:57
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72840-2000.03.22-05.35.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Still working with APRStk and a D700. The big problem
seems to be that right after the first pass of a tracked
sat, the B side TNC remains set at 9600 baud even though the
switch to 144.39 takes place. This effectively kills
any copying of 1200 baud signals.

It also means that any 144.39 transmissions after that first sat pass
from my home station go out at 9600 baud instead of 1200 and
consequently not copied or seen by any 1200 baud stations.

Is anyone else having this problem?

Fred Hatfield K8VDU
New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] Re: D7 Computer software and cable offer?

From: "Edward A. Behl" <eabehl@gte.net>
Date: Wed, 22 Mar 2000 08:36:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72849-2000.03.22-07.34.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard -

This has been such a weird story, right from the beginning! Kenwood has
always touted how they offer the programming software for their rigs for
free on their FTP site. Along comes the D7 and they suddenly decide to
pull the software after a short while and make it available only for
sale -- the hook is an "in-depth" manual in electronic form on the
CD-ROM that now has the software.

Then, in an apparent change of heart, they offer it free with new D7
purchases! Now you're reporting that the freebie is no longer? Sheeeesh!

Well, here's my two cents -- the beta software was snatched by a lot of
D7 owners while it was on the Kenwood site, and you're likely to get
offers to send it to you if you want it. There are a couple of noted
bugs with loading DTMF memories and air band memory presets in the beta,
and I don't know if they were corrected in the version on the CD-ROM.

The cable is a straight no-brainer to construct, and will cost about $10
in parts depending on what you can cannibalize (the 2.5mm stereo phone
plug is a little exotic). Check my website for the wiring instructions
and a couple of plug source suggestions, at
http://www.eabehl.com/hamradio/files/thd7plug.txt.

I also just saw a link to a guy who has written a replacement piece of
programming software for the D7, and it includes a simple packet
terminal emulator. The site is http://www.qsl.net/wa3hrl. I haven't
tried it yet myself, but it sounds promising.

Also, there are a couple of sites listing the complete set of control
codes for the D7 and D700 radios. Check Darryl Smith's site at
http://www.ozemail.com.au/~vk2tds/d7.htm. The storage of memory
locations is one of the commands. If you're into understanding how the
radio communicates with an attached PC, this might be interesting.

As for the keyboard layout, I can't complain (and I normally complain a
lot). All the typical things you would want to change during operation
are single, or at worst, double button presses on the keyboard. All the
more esoteric settings are available in a menu structure that has text
labels to guide you. The four-direction jog button makes navigating the
menus easy, though it sometimes is a little hard to press the top corner
instead of the left one.

But what makes the D7 shine is the built-in TNC, packet, and APRS
functions. Here, the D7 has no rival, and with all its other
shortcomings, the digital capabilities still place this rig in a class
by itself. If you can get by with any other H-T, maybe you *should*
pocket the price difference and choose an alternative. The D7 isn't for
everybody, and you'll likely find that it isn't the primary voice radio
for those that own them.

It isn't my "preferred" H-T, but it has capabilities like no other. The
D7 is, by itself, a self-contained APRS station. Add a GPS and it
becomes a portable tracker. Add a palm or laptop PC and you have a
battery-powered, two-piece, extremely compact packet station.

This is what makes the D7 a "must have" for some amateurs. The
programming package was a nice perk, and if it's now gone, it's a shame;
but -- and this is coming from a guy who beats on Kenwood at every
opportunity -- it's not what should make or break a D7 purchase decision
for you.

Good luck and 73!

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

199. [htaprs] Re: APRS TCP/IP coverage map application?

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 22 Mar 2000 10:05:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72880-2000.03.22-11.02.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

> On Tue, 21 Mar 2000, Chris Arndt wrote:
>
> > I got to wondering how to make coverage maps. Right now I stop the
> jeep,
> > ping the office, and see if it works.
> >
> > If I hook up a GPS to the laptop as for regular ol' APRS, can I
> > configure one of the APRS programs like APRSdos or WinAPRS to send
> posits
> > out the network, instead of a TNC/radio? At the other end, can I

> have one
> > of the programs pick up the posits off the network like one of the
> > servers?
>
> Yes, instead of a TNC, your data will go through your network. Its
> plug
> and play...
>
> bob
>
Well, there is TCP/IP to worry about. The windowing built into the
protocol will eventually detect a failed connection.   At that point,
you'd have to reconnect to the server, which is not exactly immediate.
Furthermore, the windowing will buffer transmits for retransmission
during short coverage hiccups. As a result, you'll get posits from
spots where there is no coverage.

The "real" solution would be to write a quick piece of code to capture
every NMEA sentence off the serial port, and package it in a UDP/IP
datagram.
--
Brian Badger

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] SkyCommand (was RE:D7 sub-mini plug)

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 22 Mar 2000 15:00:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72917-2000.03.22-14.00.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the information concerning the cable. I found a open box D7 at
HRO in Salem NH that they discounted because it was missing the GPS cable.
I hesitated purchasing it because I had previously been unable to find a
cable. I would have never thought of looking in the telephone section for
it. I picked up the cable at Radio Shack, then the D7 at HRO, and saved
about $30.

If anyone else is looking for a D7, they have a second open box unit that is
missing the 12v power supply.

The same connector is used for the D700.

You have the Radio Shack part number listed wrong. It is 43-2003, not
42-2003.

Now that I have a TS570, TM-D700, and TH-D7, I thought I might try to run
SkyCommand. In theory, I could work HF remotely from my car, as long as I
was within range of my shack. Has anyone out there tried it yet? I had
heard that it is not legal on 2m, but I think it is OK on 440. Does anyone
know what the limitations are. Do I need permission to run a repeater? Do
I need some kind of phone hookup so that I can disable my radios remotely?

Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Edward A. Behl
Sent: Tuesday, March 21, 2000 7:45 AM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] Re: D7 sub-mini plug

Jim -

> Does anyone know of a source for the sub-mini stereo plug used on the D7?
I
> have been unable to locate a source and would like to obtain some extras.
> Thanks

There are some links to sources on my website, at
http://www.eabehl.com/hamradio/files/thd7plug.txt

Good luck & 73

Ed, KG4ALG

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] RE: htaprs digest: March 21, 2000

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 22 Mar 2000 15:35:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'oester@us.ibm.com'" <oester@us.ibm.com>
Message-ID: <LYR845-72927-2000.03.22-14.33.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

I'm presently writing a Palm Pilot application to control the D7 that will
easily be transferable to the D700. Expected completion time is unknown
because I'm getting married and moving into a new house.

Daniel
VE3DCL

> ----------
>
> Subject: Palm Pilot Control Head?
> From: oester@us.ibm.com
> Date: Mon, 20 Mar 2000 09:16:37 -0600
> X-Message-Number: 1
>
>
>
> Well, since Brent figured out that you don't need the control
> head, the=
>
> obvouis choice for D700 control is the Palm Pilot!
> =A0Entering messages=
> using
> Graffiti! Maybe we could rool this up with Pocket APRS?
>
> Bob Oesterlin, N=D8EST
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Re: D7 Computer software and cable offer?

From: Carl <carl_mail@dr.com>
Date: Wed, 22 Mar 2000 20:47:07 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-72931-2000.03.22-14.49.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I almost purchased a D7 this afternoon, but apparently Kenwood's offer to
> provide a free cable and software has expired. I can find no reference to

The cable can be made (even if not by yourself), and the beta software
is around on the internet if you look.

> it on their web site, and the sales person thought that the offer expired of
> 2/29. Does anyone know if the offer has been extended. If I have to buy
> software and cable, plus other goodies, that increases the price. If the
> price with accessories goes up much more, I might buy a different radio.
>
> Also, the sales person hinted that the radio is somewhat awkward to operate.
> My eyesight isn't what it used to be, and I'd be frustrated if the controls
> are poorly thought out. Any comments pro or con?

The working of the radio is ok without too much looking, but still needs lots
more eye power than using the DJ580e for example, but pretty well

all the tnc/aprs functions require fairly frequent scrutiny of the
LCD for really quite small indications of status.

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] Re: TM-D700A

From: "Dr. Rick Olsen" <n6nr@email.msn.com>
Date: Wed, 22 Mar 2000 13:57:14 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72940-2000.03.22-15.56.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A long time ago Woody sent this email. For those who are still interested,
I just learned that Dave, N7KZN (owner of Radio Depot in Seattle), has
D700's on sale at $639 until the end of March.

73 de Rick, N6NR

> Okay....I'm ready to purchase a TM-D700A. Who has the best prices?
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] Re: D7 Deaf

From: Denis Greig <dgreig@picknowl.com.au>
Date: Thu, 23 Mar 2000 08:57:12
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-72947-2000.03.22-16.22.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Joseph & the list from Oz,

                For my $A0.20 worth.....

When I made up 2 data cables, one is quite long around 3m (10ft), I used
twin shielded cable and added a small ferrite beads on each of the active
conductors.
These were fitted in the DB-9 plug shell and each conductor looped through
one turn. I have not had any problems with spurious signals etc.

One other point to be aware of, that is not mentioned in the TH-D7
handbook, programs like the APRS tracking program UI-View, need pins 4 to 6
(DTR=>DSR) and 7 to 8 (RTS=>CTS) linked in the DB9 plug.
The genuine Kenwood cable has them in place.

73
Denis VK5PC

At 22:16 21/03/00 -0800, you wrote:
>Hello Dick (and the list),
>
>I've built my own serial cables, and found that when using twisted pair,
>one side of each pair needs to be grounded, or else there are spurious
>signals all over the place (and crosstalk galore).
>
>Just my 2 cents,
>Joseph KB7PPL
>
>At 01:03 PM 3/21/00 -0800, Dick Kors wrote:
>>I am having the same problem and am wondering if it mght be solved by
>using the
>>Kenwood RS-232 cable instead of the home brew one I am using. Since
>pictures
>>of the Kenwood cable appear to have filters at both ends and I don't on my
>home
>>made cable, could the cable be acting as a broadly tuned antenna and

>de-sensing
>>the D-7 ?
>>
>>Dick, KM6EP
>
>
>---
>You are currently subscribed to htaprs as: vk5pc@bigfoot.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

Denis Greig
18 Louise Ave
Warradale 5046
South Australia

e-mail: vk5pc@bigfoot.com
Ph (w): +618 8401 6740
Fax(w): +618 8410 1859
ph (h): +618 8377 1374
Homepage: http://www.picknowl.com.au/homepages/dgreig/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] Re: TM-D700A

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 22 Mar 2000 17:34:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72949-2000.03.22-16.34.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/22/00 4:57 PM, Dr. Rick Olsen at n6nr@email.msn.com wrote:

> A long time ago Woody sent this email. For those who are still interested,
> I just learned that Dave, N7KZN (owner of Radio Depot in Seattle), has
> D700's on sale at $639 until the end of March.
>
> 73 de Rick, N6NR
>
>> Okay....I'm ready to purchase a TM-D700A. Who has the best prices?
>>

 I bought mine from HRO in Salem NH, for $679 -- they pay shipping and NH
has no sales tax, this may be a better bottom-line price that $639!

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "I do believe that where there is a choice only between cowardice and
   violence, I would advise violence." -- Mahatma Gandhi

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] Dual Duty

From: "Morris Hays" <mhays@snet.net>
Date: Wed, 22 Mar 2000 20:20:20
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72988-2000.03.22-20.20.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a little off center for this list but as it invloves a GPS
connected to a TH-D7a for APRS and most of you are way more electronic
savvy than I am, here goes: Can the GPS unit be connected to the TH-D7a for
APRS and also be connected in parallel to a small flight computer at the
same time that would use the same NEMA strings for final glide and speed to
fly computations? Do they have to handshake or can the TH-D7a just wait for
and then receive the data when it is sent to the flight computer (a high
end variometer)? If one of the devices just waits to receive the data then
maybe there would be no conflicts.?.?. This would be used for
sailplane/handglider cross country tracking. Sometimes I think I should

have listened to my mom way back when she told me to stay out of the deep
end of the pool till I knew how to swim :) . Thanks for all responses and
all the help I've had on this list in the past.
Kell Hays
KB1DZN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] KENWOOD CONTROL HEADS

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Wed, 22 Mar 2000 22:45:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-72997-2000.03.22-21.41.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Haven't bought a D700 yet.....
Own several 741/641/742's...which I recently discovered have unprotected 12v on
remote head cable....shorted out & heated up cpu & all three rf decks....built &
installed low current/fast blow fuses on all remote lines.....
unsure if late model Kenwoods(D700/TM-V7/...) are the same when remoted
...forwarned is forarmed....73 / DB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] RE: htaprs digest: March 21, 2000

From: "jsr" <kc5jgv@bobcats2.oursc.k12.ar.us>
Date: Thu, 23 Mar 2000 09:24:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73000-2000.03.22-21.41.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey now! Get your priorities straight. You can always make a mistake and go
into debt!

Good Luck!

----- Original Message -----
From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <oester@us.ibm.com>
Sent: Wednesday, March 22, 2000 2:35 PM
Subject: [htaprs] RE: htaprs digest: March 21, 2000

> Bob,
>
> I'm presently writing a Palm Pilot application to control the D7 that will
> easily be transferable to the D700. Expected completion time is unknown
> because I'm getting married and moving into a new house.
>
> Daniel
> VE3DCL
>
> > --
> >
> > Subject: Palm Pilot Control Head?
> > From: oester@us.ibm.com
> > Date: Mon, 20 Mar 2000 09:16:37 -0600
> > X-Message-Number: 1
> >
> >
> >
> > Well, since Brent figured out that you don't need the control
> > head, the=
> >
> > obvouis choice for D700 control is the Palm Pilot!
> > =A0Entering messages=
> > using
> > Graffiti! Maybe we could rool this up with Pocket APRS?
> >
> > Bob Oesterlin, N=D8EST
> >
>
> ---

> You are currently subscribed to htaprs as: kc5jgv@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] Re: KENWOOD D700 CONTROL HEADS

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 22 Mar 2000 23:43:21 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73011-2000.03.22-23.42.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Haven't bought a D700 yet.....
>Own several 741/641/742's...which I recently discovered have unprotected 12v on
>remote head cable....shorted out & heated up cpu & all three rf decks....built &
>installed low current/fast blow fuses on all remote lines.....
>unsure if late model Kenwoods(D700/TM-V7/...) are the same when remoted
>...forwarned is forarmed....73 / DB
>

UP
DC 8 V, 200 mA max.
GND
STBY (PTT)
GND (MIC)
MIC
NC: No connection
DOWN

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] Re: LAS VEGAS aprs

From: "Byon Garrabrant" <byon@mail.com>
Date: Wed, 22 Mar 2000 23:54:17 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73046-2000.03.23-01.54.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 21 Mar 00, at 20:53, STEVE SCOTT LAS VEGAS wrote:

> i have replied to several posts about status on the two aprs digis in las
> vegas.
>
>   i sent e mail to n7zev frank who runs the digis, and hope to hear from
> him.
>
>   i think the snow up on digi 1 at 8200 feet on mountain potosi may be
> a problem, the other site digi 2 on apex north east by the air force base,
> no ideas other than hardware malfunction, i live on the east side and been
> unable to hit the digi.
>
>   i also am not sure of the I- gate operator.....soon as i get status i
> will pass it along.
>
>   we sure miss the digi repeaters in las vegas thats a fact+ACE-
>
>

Both of Frank's digis are running. We haven't had an IGate for a
few months now. I just hooked mine up last night.

Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

211. [htaprs] Re: Dual Duty

From: Carl <carl_mail@dr.com>
Date: Thu, 23 Mar 2000 08:10:25 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-73047-2000.03.23-02.12.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article
<LYR12451-72988-2000.03.22-20.20.00--carl_mail#dr.com@lists.tapr.org>, Morris
Hays wrote:
> Date: Wed, 22 Mar 2000 20:20:20
> Subject: [htaprs] Dual Duty
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> From: "Morris Hays" <mhays@snet.net>
>
> This is a little off center for this list but as it invloves a GPS
> connected to a TH-D7a for APRS and most of you are way more electronic
> savvy than I am, here goes: Can the GPS unit be connected to the TH-D7a for
> APRS and also be connected in parallel to a small flight computer at the
> same time that would use the same NEMA strings for final glide and speed to

Cant say for sure, but I have my GPS connected to the THD7 and have the
GPS out line connected to another TNC RX line simultaneously without
handshaking.

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

212. [htaprs] APRStk Problem

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Thu, 23 Mar 2000 6:24:36
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73062-2000.03.23-06.24.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do you update the entire satellite list?

I have been using the I-K command to read current
kep lists that I downloaded from AMSAT but the only sats that go into
LEO.ORB are AO10, MIR, and ISS. All the rest seem
to be ignored.

And the hbaud rate still will not switch back from 9600
baud after a satellite pass, effectively stopping any
further operation of APRStk after the first satellite pass.

Fred K8VDU
New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

213. [htaprs] RE: htaprs digest

From: Paul Jacques <PaulJ@minimed.com>
Date: Thu, 23 Mar 2000 04:59:19 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73069-2000.03.23-07.00.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Subject: RE: htaprs digest: March 21, 2000
From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 22 Mar 2000 15:35:08 -0500
X-Message-Number: 7

Now, now......what has more priority around here?? ;)

Paul
WB6IWT

>Bob,

>I'm presently writing a Palm Pilot application to control the D7 that will
>easily be transferable to the D700. Expected completion time is unknown
>because I'm getting married and moving into a new house.

>Daniel
>VE3DCL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

214. [htaprs] Re: Dual Duty

From: Jim Baremore <k5qq@juno.com>
Date: Thu, 23 Mar 2000 07:28:07 MST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-73115-2000.03.23-08.45.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 22 Mar 2000 20:20:20 "Morris Hays" <mhays@snet.net> writes:
> ..Can the GPS unit be connected to the TH-D7a for
> APRS and also be connected in parallel to a small flight computer at
> the same time

Hi Kell

I've connected the output of the GPS to my KPC TNC and my Computer on
numerous occasions and it works just fine.

>Do they have to handshake or can the TH-D7a just
> wait for and then receive the data when it is sent to the flight
computer

There are two issues here. First, the data is continuously sent from the
GPS at one second intervals and both units will receive the data
automatically when their inputs are wired together and connected to the
GPS output as mentioned above. No handshaking is required from the
receiving units (D7 and Flight computer in your case) to enable that
transmission.

Thus it's unlikely the flight computer would have a wire to transmit any
information back to the GPS unit.

The D7 can send waypoint data back to the GPS if it is equipped with the
capability to receive NEMA waypoint data and if it has a display. Thus
you may want to have the input to he GPS wired to the output of the THD7.
  It is not required.

What is important is that you NOT wire the outputs of both the D7 and the
Flight computer together and tie to the input of the GPS. In other
words, a wire can have ONE unit sending data although you can have
several units receiving that data.

This is really simple, I hope I have not made it complex...

C U

Jim Baremore K5QQ

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] [amsat-bb] THD7A question. (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 23 Mar 2000 10:16:52 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73120-2000.03.23-09.17.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

---------- Forwarded message ----------
Date: Wed, 22 Mar 2000 19:58:35 -0700
From: "Hagerman, Nathan, C1C, CS28" <C00Nathan.Hagerman@usafa.af.mil>
To: "'amsat-bb@amsat.org'" <amsat-bb@AMSAT.Org>
Subject: [amsat-bb] THD7A question.

My name is Nathan Hagerman, I'm a senior at the United States Air Force Academy. I am trying to use a Kenwood THD7A for a satellite balloon prototype, and I'm having a problem getting it to run in kiss mode. Our SpaceQuest flight computer outputs KISS packets (we can see that through a comtap program and through using the computer before on other projects), but we cannot get the radio to transmit the packets. We have tried software commanding the radio into KISS mode from a PC (<kiss on> and then <restart> from a dumb terminal), disconnecting it from PC and connecting it to the flight computer and PTT'ing the radio while the computer sends packets, but we get no modulation on the signal. The radio is not shut off between changing computers, in hopes of staying in KISS mode, but still no success. Does anyone know what process will work to get the radio into a KISS mode that will function? Thanx in advance.

C1C Nathan Hagerman
United States Air Force Academy
C00Nathan.Hagerman@usafa.af.mil

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

216. [htaprs] Re: Dual Duty

From: "Joe B. Dorn" <joedorn@stonemedia.com>
Date: Thu, 23 Mar 2000 09:40:21 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73131-2000.03.23-09.42.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Even as I write, I have a Garmin II+ attached to a MIC-e and a laptop. MIC-e would be similar to a D7 I expect. I had to make a cable using a DB-9 and a mini plug...

Joe Dorn, W5VEX, Belton, Texas

-----Original Message-----
From: bounce-htaprs-15400@lists.tapr.org
[mailto:bounce-htaprs-15400@lists.tapr.org]On Behalf Of Carl
Sent: Thursday, March 23, 2000 2:10 AM
To: TAPR Hot Technology APRS
Cc: htaprs@lists.tapr.org
Subject: [htaprs] Re: Dual Duty

In article
<LYR12451-72988-2000.03.22-20.20.00--carl_mail#dr.com@lists.tapr.org>,
Morris
Hays wrote:
> Date: Wed, 22 Mar 2000 20:20:20
> Subject: [htaprs] Dual Duty
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> From: "Morris Hays" <mhays@snet.net>
>
> This is a little off center for this list but as it invloves a GPS
> connected to a TH-D7a for APRS and most of you are way more electronic
> savvy than I am, here goes: Can the GPS unit be connected to the TH-D7a
for
> APRS and also be connected in parallel to a small flight computer at the
> same time that would use the same NEMA strings for final glide and speed
to

Cant say for sure, but I have my GPS connected to the THD7 and have the GPS out line connected to another TNC RX line simultaneously without handshaking.

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: joedorn@stonemedia.com

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

217. [htaprs] Re: APRStk Problem

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 23 Mar 2000 10:45:21 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-73134-2000.03.23-09.46.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 23 Mar 2000, Fred Hatfield wrote:

> How do you update the entire satellite list?
> I have been using the I-K command to read current
> kep lists that I downloaded from AMSAT but the only sats that go into
> LEO.ORB are AO10, MIR, and ISS. All the rest seem
> to be ignored.

There are 4 options presented to you under the INPUT-KEPS menu:
 1 - Enter an initial list of object numbers
 2 - Update elements from a NASA formatted 2 line file
 3 - Update elements from a AMSAT formatted file
 4 - Load a new AMSAT formatted file.

Options 2 and 3 will update your current LEO.ORB file
Or Option 4 will allow you to load in a new list. (but it wont have the
pseudo APRS 144.39 satellite as the first entry which is useful if you
also want to monitor 144.39). (Or just download the latest APRStk. I
always give it new keps before posting. Current version is 09).

I always just use option 2. If I want the "update" to pick up some new
satellites or if I want to delete some satelites, then I use a TEXT editor
to DELETE a satellite or to Add a satellite. TO add, just duplicate
an existing one, and all you need to manually edit is the OBJECT NUMBER
and the NAME. THen when you INPUT-KEPS-2 to update it, it will get all
the new keps for that new satellite.

Then if you want APRStk to auto-track/tune, then you may want to edit the
SYSTEM\SATFREQS.SYS file. to add your new satellite there..

> And the hbaud rate still will not switch back from 9600
> baud after a satellite pass, effectively stopping any
> further operation of APRStk after the first satellite pass.

You must be using a D700. THis problem has been reported and I will try
to get to it next week after this saturday's APRS events and SUndays
Balloon launch..

Thanks. Hope this helps..

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

218. [htaprs] Re: Dual Duty

From: "Larry Bateman" <lbateman@preco.com>
Date: Thu, 23 Mar 2000 06:24:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73143-2000.03.23-10.21.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

** High Priority **

Kell,

I am a hang glider pilot and I tried what you are asking about. I hooked a Garmin GPS III output to a TH-D7A and a Ball Comp Vario. The output from the TH-D7A was also hooked to the GPSIII input. Everything work fine except that RF kept getting into the vario and the audio and readouts for the vario would go nuts for a few seconds when the radio transmitted. I called Ball and they said that a filter could be built to prevent the RF from disturbing the vario. However, as of this time, I have not sent the units

into Ball to have them work out the filter system. It will work though.

Larry (Woody) Bateman
KB7WWP

>>> "Morris Hays" <mhays@snet.net> 03/22/00 08:20PM >>>
 This is a little off center for this list but as it invloves a GPS
connected to a TH-D7a for APRS and most of you are way more electronic
savvy than I am, here goes: Can the GPS unit be connected to the TH-D7a for
APRS and also be connected in parallel to a small flight computer at the
same time that would use the same NEMA strings for final glide and speed to
fly computations? Do they have to handshake or can the TH-D7a just wait for
and then receive the data when it is sent to the flight computer (a high
end variometer)? If one of the devices just waits to receive the data then
maybe there would be no conflicts.?.?. This would be used for
sailplane/handglider cross country tracking. Sometimes I think I should
have listened to my mom way back when she told me to stay out of the deep
end of the pool till I knew how to swim :) . Thanks for all responses and
all the help I've had on this list in the past.
Kell Hays
KB1DZN

You are currently subscribed to htaprs as: lbateman@preco.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

219. [htaprs] Re: D7 Computer software and cable offer?

From: "Darwin Thompson" <K6USW@webtv.net>
Date: Thu, 23 Mar 2000 11:33:47
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73155-2000.03.23-11.33.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi I just check the Kenwood Site this morning the Cable & Software offer is
good thru the end March. 73

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

220. [htaprs] Re: D7 Computer software and cable offer?

From: "Dobbs, Mike" <mdobbs@amgen.com>
Date: Thu, 23 Mar 2000 09:52:32 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73161-2000.03.23-11.53.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I ordered my D7 from AES for $399 yesterday. It appears the free D7 cable &
software offer is valid until 3/31/00, according to the AES and a few other
online vendor web sites. I also checked the Kenwood site and it confirmed
this date.

Now, I just have to pass my Tech-nocode exam this Tuesday ;-)

Mike Dobbs
ext. 73602
Alpha-numeric Pager: Pager-mdobbs or 805-359-4266
Research Computing Services
AmGenesis News & Information can be found at:

http://resweb.amgen.com/~mdobbs

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] Re: Dual Duty

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 23 Mar 2000 16:56:22 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73183-2000.03.23-15.56.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/22/00 8:20 PM, Morris Hays at mhays@snet.net wrote:

> This is a little off center for this list but as it invloves a GPS
> connected to a TH-D7a for APRS and most of you are way more electronic
> savvy than I am, here goes: Can the GPS unit be connected to the TH-D7a for
> APRS and also be connected in parallel to a small flight computer at the
> same time that would use the same NEMA strings for final glide and speed to
> fly computations? Do they have to handshake or can the TH-D7a just wait for
> and then receive the data when it is sent to the flight computer (a high
> end variometer)? If one of the devices just waits to receive the data then
> maybe there would be no conflicts.?.?. This would be used for
> sailplane/handglider cross country tracking. Sometimes I think I should
> have listened to my mom way back when she told me to stay out of the deep
> end of the pool till I knew how to swim :) . Thanks for all responses and
> all the help I've had on this list in the past.
> Kell Hays
> KB1DZN

 No problem, just wire up the GPS cable as a "Y" he only thing is you don't
want to have the data out of the D7 and the flight computer "Y"-ed. You
would select either the D7 or the flight computer to send data (usually
waypoints) to the GPS if it accepts them.

  73 de brian, ka2bqe

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "If you can't believe what you read in comic books, what can
    you believe?" -- Bullwinkle J. Moose

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

222. [htaprs] help

From: "Gabriele Belle" <Gabriele.Belle@usafa.af.mil>
Date: Thu, 23 Mar 2000 15:36:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73188-2000.03.23-16.36.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ma'am/Sir,

I am Systems Engineer at the Air Force Academy and responsible to help
cadets build small satellites. We are going to launch one on a high altitude
balloon on April 8th.

We use mobile radios to command the spacecraft. One radio will be connected
to a notebook. This set up will be our mobile ground station. The other
radio is connected to a computerboard on the spacecraft.

The radios we bought are TH-D7A. We need to use them in packet operation and
KISS. We tried to set it up for Kiss and 9600 baud but could not get any
data to be sent out by the radio.

We do not know what to do and were wondering if anybody could help. Mr.
Clifford from KENWOOD has given me your e-mail address.

If know how to set up those radios for KISS mode and 9600 baud please
contact me. I am very grateful for any advice I could get.

Thank you for your support!

Gabriele Belle

****
Dr. Gabriele Belle
Satellite Systems Engineer
Dept. of Astronautics
United States Air Force Academy

Phone: (719) 333-4204
Fax: (719) 333- 3723
****

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] Re: help

From: Brian Badger <Brian.Badger@wcom.com>
Date: Thu, 23 Mar 2000 15:58:41 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73190-2000.03.23-16.55.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gabriele,

Not meaning to speak for the entire mailing list, but I'm sure there are lots of us that are willing to help.

There has been some recent mumblings on the list about possible problems with the KISS implementation. This has not been definitely confirmed by anyone. KISS is sort of tough to diagnose, since it really requires you to write software to test it out.

Also, Kenwood has been less than forthcoming with information about the KISS implementation, placing that documentation on a CD that they charge extra for. I have not purchased this CD, but others on the list have. Perhaps one of them would be willing to excerpt the meaningful passages of the documentation for you, as this would qualify as educational fair-use.

Furthermore, you can speed the diagnosis by providing extra information about the configuration, the symptoms and the steps you took to set up the system. For instance: does the red transmit led illuminate at all? Continue to copy the list (htaprs@lists.tapr.org) on every email about this topic.

--
Brian Badger, KC0HIR
Mobile in the Miata
W: (719) 535-5487 H:(719) 534-9522 (Yes, those are Co Springs numbers...)

Gabriele Belle wrote:

> Ma'am/Sir,
>
> I am Systems Engineer at the Air Force Academy and responsible to help
> cadets build small satellites. We are going to launch one on a high altitude
> balloon on April 8th.
>
> We use mobile radios to command the spacecraft. One radio will be connected
> to a notebook. This set up will be our mobile ground station. The other
> radio is connected to a computerboard on the spacecraft.
>
> The radios we bought are TH-D7A. We need to use them in packet operation and
> KISS. We tried to set it up for Kiss and 9600 baud but could not get any
> data to be sent out by the radio.
>
> We do not know what to do and were wondering if anybody could help. Mr.
> Clifford from KENWOOD has given me your e-mail address.
>
> If know how to set up those radios for KISS mode and 9600 baud please
> contact me. I am very grateful for any advice I could get.
>
> Thank you for your support!
>
> Gabriele Belle
>
> **********
> Dr. Gabriele Belle
> Satellite Systems Engineer
> Dept. of Astronautics
> United States Air Force Academy
> Phone: (719) 333-4204
> Fax: (719) 333- 3723
> **********
>
> ---

> You are currently subscribed to htaprs as: Brian.Badger@wcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] Baltimore MD Balloon Sunday

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 23 Mar 2000 18:23:38 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-73197-2000.03.23-17.24.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There will be a 10 mW 433.910 MHz balloon launched from the Timonimum
Hamfest (N. Baltimore, MD) at 1230 SUnday afternoon 25 Mar. It has only
one tone to indicate Temperature. But we will use all the power of APRS
for DFing the balloon, so come join us with your mobile handheld UHF beam
for an afternoon of DF fun.

I will post a list of UHF repeater freqs Friday to be used for
coordination. Bring a compass. (No data is better than bad data.)

THe balloon is on the air now on the roof In Annapolis for local DF
practice (you can only hear it out about 2 miles due to terrain.)

We will be beyond WEB page access and so will need someone to kibitz from
their home to tell us the upper level winds at launch time on the local
UHF repeater.. Here is the site for Dulles Airport.

http://www.comet.ucar.edu/dstreme/data/stuv_IAD.txt

de WB4APR, Bob

Also on Saturday we will be using APRS and APRN (SSTV handheld cameras)
to track/document the Naval Academey 18 hours of greuling field trials for
hundreds of midhhsipmen. THis will be on 145.55 MHz if you are local.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

225. [htaprs] vegas digi working ok

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 23 Mar 2000 17:23:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73216-2000.03.23-19.21.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i was up in the mountains again today and fired up aprs and both of the las
vegas aprs digipeters are running, the i gate is also operational   run
by n6bg

hey i had my position listed as inside area 51 the place that does not
exist and got a interesting phone call a few weeks back.

someone though i really was inside the area 51 complex.

it was a great conversation.

the area 51 coordinates are (but this place does not really exist)

37 10 00

115 47 00

73
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

226. [htaprs] vegas aprs talkback freq.

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 23 Mar 2000 17:24:35 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73217-2000.03.23-19.22.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

448.625   114.8 pl

aprs talkback or just hang out if you are here for the two radio convention
ICWA

73
steve
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

227. [htaprs] RE: [amsat-bb] THD7A question. (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 23 Mar 2000 21:44:06 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, cooNathan.hagerman@usafa.af.mil,
        gabriele.belle@usafa.af.mil
Message-ID: <LYR845-73228-2000.03.23-20.43.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >From: "Hagerman, Nathan, C1C, CS28" <C00Nathan.Hagerman@usafa.af.mil>
> >
> >Academy. I am trying to use a Kenwood THD7A for a satellite balloon
> >prototype, and I'm having a problem getting it to run in kiss mode.

Sorry Nathan,

    The USA model of the THD7A does not transmit KISS mode. The
European model TH-D7E version 2 does do Kiss mode properly, nut this is
too late for you I am afraid.

It works beautifully in normal cmd:/converse/UI packet mode...
That is how we use it for APRS...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

228. [htaprs] Re: [aprssig] RE: Emergency Radios

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 24 Mar 2000 10:27:38 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Message-ID: <LYR845-73318-2000.03.24-09.27.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

CAVEAT: I am *NOT* pushing APRS on FRS frequencies. I only mentioned
FRS on this sig as an alternate means of radio VOICE communications in
our emergency work... So the following is only provided in answering the
mail here with regard to my understanding of the rules... NOT as a
recommendation...

> Why not start a APRS network running FRS radio's???

ANS: Because Its illegal for "digital communications" on those channels.

> From what I understand from the rules, we could do this as any tone(s)
> passed on the FRS frequencies above 300hz, can not last longer than 15

> seconds.

ANS: The "digital" rule means APRS PC-to-PC is Illegal. BUT APRS in
Mic-E mode where it is only an identifying tone-burst on the end of a
VOICE transmissions is perfectly legal. I confirmed this with the FCC.
In this case it is like SEL-CAL and the FCC acknowledges that there are no
hard "rules" for what constitutes a legal "SEL-CAL".

So, APRS Mic-E's (A Mic-Lite constructed inside a speaker-mike) can be
used on FRS for the purpose of tracking the movements of a VOICE user.

The only argument that remains is the language that "you may not attach
any ANTENNA, POWER AMPLIFIER, or "other" apparatus that has not been TYPE
approved for use with FRS..."

And the argument then rages on about whether or not SPEAKER-MIKES are
considered "other" apparatus as intended in the above rules.... I dont
think I have ever seen a "type-acceptance FCC sticker" on any speaker mike
for ANY service...

Duck and run for cover....<grin>

Oh, for a picture of some speaker mikes with Mic-Lites built in, see

        http://www.toad.net/~wclement/mim/mic-lite.htm
     or http://www.toad.net/~wclement/mim2.htm

We use them here with non-kenwood HAM RADIO HT's as a plug-n-play way to
track VIP's at special events...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

229. [htaprs] Re: [aprssig] Baltimore MD Balloon Sunday REV2

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 24 Mar 2000 12:00:14 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-73345-2000.03.24-11.00.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the final? revised? data on the Party-Balloon launch:

There will be a 10 mW FM 433.910 MHz balloon launched from the Timonimum
Hamfest (N. Baltimore, MD) at 1230 Sunday afternoon 26 Mar. It has only
one tone to indicate Temperature. (1800Hz = 130F, 240Hz = 0F)

Photo: http://web.usna.navy.mil/~bruninga/balloons.html

We will use all the power of APRS on 144.39 for DFing the balloon, so come
join us with your mobile handheld UHF beam and COMPASS. Late info will be
announced on the HAMFEST talk-in freq of 146.67. APRS ops will talk on
the linked 449.625 PL=107.2 so we don't desense our APRS DF data. There
are NO nearby DIGI's so we need someone to put up a temp 144.39 digi for
us..

Also we will be beyond WEB page access and so will need someone to kibitz
from their home that morning to tell us the upper level winds via 146.67
from the Dulles Airport data at:

        http://www.comet.ucar.edu/dstreme/data/stuv_IAD.txt

Depending on winds we may go for a <16 mile mission to land short of the
Bay, or a long mission >26 mi to land on the E.Shore. The shorter mission
will be preferred... Landing in the Bay is a loser..

de WB4APR, Bob
>
> Also on Saturday we will be using APRS and APRN (SSTV handheld cameras)
> to track/document the Naval Academey 18 hours of greuling field trials for
> hundreds of midhhsipmen. THis will be on 145.55 MHz if you are local.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

230. [htaprs] D700 power cable source?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 24 Mar 2000 13:42:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73362-2000.03.24-12.42.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'd like to be able to disconnect my D700, and connect my D7 to the same power cable. The reason for doing this is that I have several vehicles, and I don't know which radio I will want to plug in. When I run the D7, I may want to also plug in a small linear amp. I like the T cable that Kenwood supplies with their D700, but can find no convenient source for the mate to it (the same sex that is attached to the radio). I don't want to endup with a large minimum order from a commercial distributor. Does anyone know a source for these connectors?

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

231. [htaprs] RE: [amsat-bb] THD7A question. (fwd)

From: "Edward A. Behl" <eabehl@gte.net>
Date: Fri, 24 Mar 2000 14:55:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
cooNathan.hagerman@usafa.af.mil, gabriele.belle@usafa.af.mil
Message-ID: <LYR845-73369-2000.03.24-13.52.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To the gang -

Yep --- I was dumbstruck by Bob's response for a while, too. But I scoured the user's manual, and it's clear that the TNC is AX.25 compliant, but also says some functions available with other TNC's are not available on the D7's TNC. In the list of TNC commands, KISS is not mentioned. That explains why JNOS won't work with the D7.

What's weird on my unit is that the radio actually keys the transmitter, sends the initial tone, but no data, then drops. You can extend the length of that tone with the TX Delay parameter, but still no data.

It's a shame the E versions get the KISS functions but A units do not. I wonder if that was just a matter of the E's getting a later release of software?

73

Edward A. Behl - KG4ALG

--

Bob Bruninga wrote:
>
> > >From: "Hagerman, Nathan, C1C, CS28" <C00Nathan.Hagerman@usafa.af.mil>
> > >
> > >Academy. I am trying to use a Kenwood THD7A for a satellite balloon
> > >prototype, and I'm having a problem getting it to run in kiss mode.
>
> Sorry Nathan,
>
> The USA model of the THD7A does not transmit KISS mode. The
> European model TH-D7E version 2 does do Kiss mode properly, nut this is
> too late for you I am afraid.
>
> It works beautifully in normal cmd:/converse/UI packet mode...
> That is how we use it for APRS...
>
> de WB4APR, Bob
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] RE: [amsat-bb] THD7A question.

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 24 Mar 2000 16:29:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <cooNathan.hagerman@usafa.af.mil>, <gabriele.belle@usafa.af.mil>
Message-ID: <LYR845-73379-2000.03.24-15.29.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/23/00 9:44 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

>>> From: "Hagerman, Nathan, C1C, CS28" <C00Nathan.Hagerman@usafa.af.mil>
>>>
>>> Academy. I am trying to use a Kenwood THD7A for a satellite balloon
>>> prototype, and I'm having a problem getting it to run in kiss mode.
>
> Sorry Nathan,
>
> The USA model of the THD7A does not transmit KISS mode. The
> European model TH-D7E version 2 does do Kiss mode properly, nut this is
> too late for you I am afraid.
>
> It works beautifully in normal cmd:/converse/UI packet mode...
> That is how we use it for APRS...

 Is there any possibility that this will be fixed in a future firmware
upgrade?

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "The more you run over a dead cat, the flatter it gets!"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

233. [htaprs] RE: [amsat-bb] THD7A question.

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 24 Mar 2000 16:48:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73382-2000.03.24-15.47.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You should probably direct this question to Kenwood at:

Kenwood Customer Care [cuyeda@ix.netcom.com]

They probably get a copy of all our messages, but they may not respond
unless a question is directed to them. They have been pretty good about
answering my questions.

Specs for the D7 don't seem to list KISS as a supported protocol. This
implies that they are under no obligation to support it. They may have run
out of code space in ROM and had to cut it out, or it may be an error. I
sure hope they can fix the problem. Please let us know what they say.

73's
Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Brian B. Riley
Sent: Friday, March 24, 2000 4:29 PM
To: TAPR Hot Technology APRS
Cc: cooNathan.hagerman@usafa.af.mil; gabriele.belle@usafa.af.mil
Subject: [htaprs] RE: [amsat-bb] THD7A question.

on 3/23/00 9:44 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

>>> From: "Hagerman, Nathan, C1C, CS28" <C00Nathan.Hagerman@usafa.af.mil>
>>>
>>> Academy. I am trying to use a Kenwood THD7A for a satellite balloon

>>> prototype, and I'm having a problem getting it to run in kiss mode.
>
> Sorry Nathan,
>
> The USA model of the THD7A does not transmit KISS mode. The
> European model TH-D7E version 2 does do Kiss mode properly, nut this is
> too late for you I am afraid.
>
> It works beautifully in normal cmd:/converse/UI packet mode...
> That is how we use it for APRS...

 Is there any possibility that this will be fixed in a future firmware
upgrade?

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "The more you run over a dead cat, the flatter it gets!"

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

234. [htaprs] RE: [amsat-bb] THD7A question.

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 24 Mar 2000 14:56:36 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-73384-2000.03.24-15.53.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Brian B. Riley" wrote:

> on 3/23/00 9:44 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:
> > The USA model of the THD7A does not transmit KISS mode. The
> > European model TH-D7E version 2 does do Kiss mode properly, nut this is
> > too late for you I am afraid.
>
> Is there any possibility that this will be fixed in a future firmware
> upgrade?
>

I was not aware that there were any firmware differences between TH-D7A and
TH-D7E. I was under the impression that the hardware configuration alone is
different, and the D7 firmware detects which model it is by the diode
configuration.

If so, this should be a current firmware release, and could be provided to
address this particular emergency by Kenwood today. In my opinion, Kenwood
should promptly fix the D7A's in question to facilitate this particular
student project.   It stops being a "business decision" when it starts to
impact the quality of an education; it suddenly becomes an ethical, not
fiduciary, issue.
--
Brian Badger, KC0HIR
"I am not a beta tester."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

235. [htaprs] RE: [amsat-bb] THD7A question.

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 24 Mar 2000 17:00:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <rich.carter@windriver.com>
Message-ID: <LYR845-73387-2000.03.24-16.00.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/24/00 4:48 PM, Richard Carter at rich.carter@windriver.com wrote:

> They probably get a copy of all our messages, but they may not respond
> unless a question is directed to them. They have been pretty good about
> answering my questions.
>
> Specs for the D7 don't seem to list KISS as a supported protocol. This
> implies that they are under no obligation to support it. They may have run
> out of code space in ROM and had to cut it out, or it may be an error. I
> sure hope they can fix the problem. Please let us know what they say.

 It (KISS) is in there and the commands for are is in there, it just doesn't
work! It didn't work in the European (TH-D7E) firmware and it seems it was
fixed in the subsequent upgrade. It apparently didn't make it to the earlier
released us firmware upgrade to the TH-D7A. So my question remains, to Bob,
whether he has heard anything about a future firmware upgrade for the TH-D7A
and if it may include a fix to KISS among other things.

73 de brian, ka2bqe
--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Darkness cannot drive out darkness, only light can do that. Hate
  cannot drive out hate; only love can do that. -- Martin Luther King Jr.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

236. [htaprs] Re: LAS VEGAS aprs

From: Skip Allison <cfad07@email.mot.com>
Date: Fri, 24 Mar 2000 16:55:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73396-2000.03.24-16.55.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Byon Garrabrant wrote:
>
> On 21 Mar 00, at 20:53, STEVE SCOTT LAS VEGAS wrote:
>
> > i have replied to several posts about status on the two aprs digis in las
> > vegas.
> >
> >   i sent e mail to n7zev frank who runs the digis, and hope to hear from
> > him.
> >
> >   i think the snow up on digi 1 at 8200 feet on mountain potosi may be
> > a problem, the other site digi 2 on apex north east by the air force base,
> > no ideas other than hardware malfunction, i live on the east side and been
> > unable to hit the digi.
> >
> >   i also am not sure of the I- gate operator.....soon as i get status i
> > will pass it along.
> >
> >   we sure miss the digi repeaters in las vegas thats a fact+ACE-
> >
> >
>
> Both of Frank's digis are running. We haven't had an IGate for a
> few months now. I just hooked mine up last night.
>

I just got back from the IWCE show in Las Vegas. Wed night I was not
able to get any digi back from my D7 from the 24th floor of Ballys. I
tried by windows on all sides. Then Thurs morning I tried outside in the
parking lot in the back. I could hear an occasional packet from
N7ZEV-2, but apparently could not get in. Is the receiver really deaf
or what? I tried Relay, Wide,Wide - Wide,Wide - and v N7ZEV-2

The D7 is working fine. I turned it on when I got home and heard all
kinds of digipeats.

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

237. [htaprs] RE: [amsat-bb] THD7A question.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 24 Mar 2000 19:26:36 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
rich.carter@windriver.com
Message-ID: <LYR845-73412-2000.03.24-18.26.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 24 Mar 2000, Brian B. Riley wrote:

> released us firmware upgrade to the TH-D7A. So my question remains, to Bob,
> whether he has heard anything about a future firmware upgrade for the TH-D7A
> and if it may include a fix to KISS among other things.

I dont know any more than anyone else. But KISS was not part of their
specifications, although it is obvious they tried to fit it in..
Remember, The THD7 was released in the USA in December of 98, and early
models had 3 minor bugs. ALL units were recalled and repaired and the
remaining prodction was bug free. It did what it was advertised to do...
APRS, GPS and normal packet.

I think About SIX months later when they began producing a European
version, they soon found out that the Europeans do not use
APRS, and they all wanted KISS. At this point, I think ALL
EUROPEAN models were recalled and re-designed. I imagine at great
expense...

My worry is that being twice burned by trying to satisfy everyone with
everything possible stuffed into the palm of your hand, they might decide
the risk is just too high to follow up with another model that is so
complex. I am forever amazed at all the things they got RIGHT!

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

238. [htaprs] Re: vegas digi working ok

From: David Vrona <dave@vrona.com>
Date: Fri, 24 Mar 2000 18:31:08 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73414-2000.03.24-18.31.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's odd. I can't get a picture of this area at
http://terraserver.microsoft.com

:-)

>the area 51 coordinates are (but this place does not really exist)
>
>37 10 00
>
>115 47 00

--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

239. [htaprs] Re: D700 power cable source?

From: "Scott Morris" <smorris@mindspring.com>
Date: Fri, 24 Mar 2000 23:36:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-73443-2000.03.24-22.35.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try J & L. Their web-site is www.randl.com. I don't know if they will have
the connectors, but their power cables are so cheap compared to the oem you
may want to buy what you need premade.

The cable assembly is $7.95 and the part number is IC2000 They also make
one for HF Rigs, and the price for the KW2000 is $14.95. Much much cheaper
than the Kenwood or Icom power cable for HF rigs.

Their phone number 800-221-7735.

This is at least an alternative. Another alternative if you are going to
make your own is to use a standard molex.

Scott
----- Original Message -----
From: Richard Carter <rich.carter@windriver.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, March 24, 2000 1:42 PM
Subject: [htaprs] D700 power cable source?

> I'd like to be able to disconnect my D700, and connect my D7 to the same
> power cable. The reason for doing this is that I have several vehicles,
and
> I don't know which radio I will want to plug in. When I run the D7, I may
> want to also plug in a small linear amp. I like the T cable that Kenwood
> supplies with their D700, but can find no convenient source for the mate
to
> it (the same sex that is attached to the radio). I don't want to endup
with
> a large minimum order from a commercial distributor. Does anyone know a
> source for these connectors?
>
> Rich Carter - KE1EV
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

240. [htaprs] Re: D700 power cable source?

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 24 Mar 2000 22:44:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-73445-2000.03.24-22.43.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I'd like to be able to disconnect my D700, and connect my D7 to the same
>power cable. The reason for doing this is that I have several vehicles, and
>I don't know which radio I will want to plug in. When I run the D7, I may
>want to also plug in a small linear amp. I like the T cable that Kenwood
>supplies with their D700, but can find no convenient source for the mate to
>it (the same sex that is attached to the radio). I don't want to endup with
>a large minimum order from a commercial distributor. Does anyone know a
>source for these connectors?
>
>Rich Carter - KE1EV
>

The answer is
Anderson Powerpoles

A quick read of the aprssig archives will give LOTS of
information.

As Radio Shack has the same T power connector on their HT-10
you might get one there or on radioshack.com.

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

241. [htaprs] Re: D700 power cable source?

From: "Byon Garrabrant" <byon@mail.com>
Date: Fri, 24 Mar 2000 22:38:22 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73460-2000.03.25-00.38.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 24 Mar 00, at 22:44, Robert Winingham wrote:

> >I'd like to be able to disconnect my D700, and connect my D7 to the same
> >power cable. The reason for doing this is that I have several vehicles, and
> >I don't know which radio I will want to plug in. When I run the D7, I may
> >want to also plug in a small linear amp. I like the T cable that Kenwood
> >supplies with their D700, but can find no convenient source for the mate to
> >it (the same sex that is attached to the radio). I don't want to endup with
> >a large minimum order from a commercial distributor. Does anyone know a
> >source for these connectors?
> >
>
> The answer is
> Anderson Powerpoles
>

Both powerpoles and the OEM T connectors can be found at
www.powerwerx.com

Byon
_____
 Byon Garrabrant   N6BG   byon@mail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

242. [htaprs] RE: [amsat-bb] THD7A question.

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 25 Mar 2000 10:43:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        <rich.carter@windriver.com>
Message-ID: <LYR845-73497-2000.03.25-09.43.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/24/00 7:26 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> On Fri, 24 Mar 2000, Brian B. Riley wrote:
>
>> released us firmware upgrade to the TH-D7A. So my question remains, to Bob,
>> whether he has heard anything about a future firmware upgrade for the TH-D7A
>> and if it may include a fix to KISS among other things.
>
> I dont know any more than anyone else. But KISS was not part of their
> specifications, although it is obvious they tried to fit it in..
> Remember, The THD7 was released in the USA in December of 98, and early
> models had 3 minor bugs. ALL units were recalled and repaired and the
> remaining prodction was bug free. It did what it was advertised to do...
> APRS, GPS and normal packet.
>
> I think About SIX months later when they began producing a European
> version, they soon found out that the Europeans do not use
> APRS, and they all wanted KISS. At this point, I think ALL
> EUROPEAN models were recalled and re-designed. I imagine at great
> expense...
>
> My worry is that being twice burned by trying to satisfy everyone with
> everything possible stuffed into the palm of your hand, they might decide
> the risk is just too high to follow up with another model that is so
> complex. I am forever amazed at all the things they got RIGHT!

 amen to that; I am amazed at all my D7 does and extremely happy with it.

But the commands do seem to be there, just nothing happens ... why 'another
model?' Why not a firmware upgrade. I have no idea how 'full' the firmware
memory space is, but an upgrade ROM with KISS in it would something that I
would want. I think they should give it to us, but I would pay for it if
there was no other way and I would bet I am not the only one who feels that
way.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "One of the deep mysteries to me is our logo, the symbol of lust
   and knowledge, bitten into, all crossed with in the colors of the
   rainbow in the wrong order. You couldn't dream of a more
   appropriate logo: lust, knowledge, hope, and anarchy."
   -- Gassee - Apple Logo

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

243. [htaprs] APRS/ce

From: "BobD" <BobD@virtualconst.com>
Date: Sat, 25 Mar 2000 12:36:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73509-2000.03.25-11.29.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WOW, APRS/ce is a great piece of work! My hat is off! DOS maps work very
well, haven't tried any others as yet.

However, I have one small problem that I have not had time to solve.
I receive OK (stations show in the station list and print on the map), but
for some reason can't TX. I am using the same cable I made up for pocketAPRS
with the Palm III, which plugged into the 3COM serial cable, but the
Cassiopiea E-105 serial cable doesn't seem to like it :-(

Anyone else using a Casio Palm unit and had a similar problem?
Any hints on re-wiring the cable? Do I need to tie a couple pins together or
something else?

73...Bob, N2IPH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

244. [htaprs] RE: APRS/ce

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sat, 25 Mar 2000 14:42:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73530-2000.03.25-14.45.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,
  I'm using the Casio e-100 with a PicoPacket when
mobile and MFJ 1278 when fixed.

I have a db9 male to db9 male null modem adapter
attached between the Casio cradle serial port and TNC.

APRS/Ce works with both TNC's without problem.

Bill KC9XG

On Saturday, March 25, 2000 11:36 AM, BobD [SMTP:BobD@virtualconst.com] wrote:
> WOW, APRS/ce is a great piece of work! My hat is off! DOS maps work very
> well, haven't tried any others as yet.
>
> However, I have one small problem that I have not had time to solve.
> I receive OK (stations show in the station list and print on the map), but
> for some reason can't TX. I am using the same cable I made up for pocketAPRS
> with the Palm III, which plugged into the 3COM serial cable, but the
> Cassiopiea E-105 serial cable doesn't seem to like it :-(

>
> Anyone else using a Casio Palm unit and had a similar problem?
> Any hints on re-wiring the cable? Do I need to tie a couple pins together or
> something else?
>
> 73...Bob, N2IPH
>
>
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

245. [htaprs] PubSafety Mobile Data Terminals

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 26 Mar 2000 00:58:44 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73575-2000.03.25-18.57.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just scored some MDT-870 radio data terminals on eBay. These are ruggedized squad car/public safety vehicle mounted data terminals with a serial port on the back. They have built in amber text only displays, full keyboard and a dozen or so programmable function buttons. They can be set up with individual unit numbers for private messaging or all call, etc. The specs say they are manufactured to be GPS/AVL integration capable.
These are industrial/public safety grade packet terminals. Just search for MDT-870 on Altavista for some comprehensive info sites on them.
If you run trackers in events or field mobile units for disaster service, wiring one of these in gets you full messaging capability out of dumb tracker units without having to risk a full mobile station plus your valuable laptop, and you can program the function buttons for various canned messages and acknowledgements, emergency, etc., so non ham non computer savvy operators can use the things and acknowledge messages without typing by reading a little card telling them which function button does what. And the keyboard is coffee spillproof too ;-) Hook them up to a TNC and off you go.

I have to wonder whether this would not be a super substitute for the D-700 control head. With over a dozen function buttons, the On, Off, APRS packet on, etc. commands could all be programmed into buttons or even all into one button, and that if the startup is not scriptable, which it might be.

The vendor has more that are not listed yet on eBay, and they are for sale. If anyone is interested e-mail me and I will send along the vendor's address.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

246. [htaprs] Precision Maps

From: Gpowell <gpowell@pacbell.net>
Date: Sat, 25 Mar 2000 19:34:48 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73581-2000.03.25-21.36.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has any one tried Precision Street Maps USA with WinAPRS. The docs say that you can use Street Maps v.3.0.1 and higher. I don't have a version number on my CD, just the name. The map format is 06.zp3, for example. I assume that would be the California map, again based on the docs. I'm interested in a good map of the Los Angeles area, and the Precision product is very detailed.

Thanks for any help

Greg - KD6AIS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

247. [htaprs] Re: PubSafety Mobile Data Terminals

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 26 Mar 2000 03:22:36 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73648-2000.03.26-03.22.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I really hate to rain on a parade, but I doubt you can just wire one to a TNC and use it. First MDT's use a proprietary FSK transmission scheme (no external modem/tnc is needed) and the MDT 870 is just a dumb terminal. I don't think it even has a RS-232 output. There are several private concerns/businesses that use MDT's, but it is mostly famous for it's deployment in Public Safety use (mostly police).

In light of recent actions by certain law enforcement agencies (Remember Bill Cheek?), I would be very leary about even posessing an MDT, ESPECIALLY in mobile situations as a private citizen citizen. Although I feel that you and I have the right to own and use this equipment, your local police/prosecutor might not agree. And I would not want to be the test case for SoDak... If you would like to go on a legal adventure/misadventure this might be the route to go, though.

My local PD, Sioux Falls, SD, uses MDT's primarily on 854.9625 MHz. And I would never ever EVER admit to being able to decode these transmissions to them face-to-face (nor some of the local FBI people I know).

As an aside: some of their (SF PD) MDT transmissions are VERY unprofessional, and they post the position of every vehicle on patrol about every 10-15 minutes. The local police think these transmissions are secure... I would hate to be the one to dispel that myth, especially on a lonely road after dark.

73,

Mark
KC7BXS

At 12:58 AM 3/26/00 GMT, Wayne H. Sanderson wrote:

>If you run trackers in events or field mobile units for disaster service, wiring one of these in gets you full messaging capability out of dumb tracker units without having to risk a full mobile station plus your valuable laptop, and you can program the function buttons for various canned messages and acknowledgements, emergency, etc., so non ham non computer savvy operators can use the things and acknowledge messages without typing by reading a little card telling them which function button does what. And the keyboard is coffee spillproof too ;-) Hook them up to a TNC and off you go.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

248. [htaprs] RE: [amsat-bb] THD7A question.

From: Jon Ogden <jono@enteract.com>
Date: Sun, 26 Mar 2000 19:09:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <cooNathan.hagerman@usafa.af.mil>, <gabriele.belle@usafa.af.mil>
Message-ID: <LYR845-73781-2000.03.26-19.07.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/24/00 3:29 PM, Brian B. Riley at brianbr@macconnect.com wrote:

>> Sorry Nathan,
>>
>> The USA model of the THD7A does not transmit KISS mode. The
>> European model TH-D7E version 2 does do Kiss mode properly, nut this is
>> too late for you I am afraid.
>>
>> It works beautifully in normal cmd:/converse/UI packet mode...
>> That is how we use it for APRS...
>
> Is there any possibility that this will be fixed in a future firmware
> upgrade?

Hah! Hah!

Kenwood and their nice "form letter" e-mails informed me that there will be no firmware upgrades available.

I sent a personal note to one of the techs and I got a form letter back

stating there were no planned upgrades to the radio. It's sad cause there
ARE some bugs in it (just wait till Dayton and everyone's radios start
locking up due to the massive traffic). Perhaps the newer production models
will get improved firmware, but I don't think they are going to offer it to
the rest of us. Oh well........

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

249. [htaprs] RE: [amsat-bb] THD7A question.

From: Dale Blanchard <bolero@accessnv.com>
Date: Sun, 26 Mar 2000 21:10:43 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        cooNathan.hagerman@usafa.af.mil, gabriele.belle@usafa.af.mil
Message-ID: <LYR845-73809-2000.03.26-23.05.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden wrote:
>
> on 3/24/00 3:29 PM, Brian B. Riley at brianbr@macconnect.com wrote:
>
> >> Sorry Nathan,
> >>
> >> The USA model of the THD7A does not transmit KISS mode. The
> >> European model TH-D7E version 2 does do Kiss mode properly, nut this is
> >> too late for you I am afraid.
> >>
> >> It works beautifully in normal cmd:/converse/UI packet mode...
> >> That is how we use it for APRS...
> > >
> > > Is there any possibility that this will be fixed in a future firmware
> > > upgrade?
> >
> > Hah! Hah!
> >
I was going into AES Tue and get a THD7A. I have now changed my mind.
Also thinking about a D-700, but now I may be not buying any Kenwood
products.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

250. [htaprs] RE: [amsat-bb] THD7A question.

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sun, 26 Mar 2000 23:21:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        cooNathan.hagerman@usafa.af.mil, gabriele.belle@usafa.af.mil
Message-ID: <LYR845-73814-2000.03.26-23.20.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dale Blanchard wrote:
>
> Jon Ogden wrote:
> >
> > on 3/24/00 3:29 PM, Brian B. Riley at brianbr@macconnect.com wrote:
> >
> > >> Sorry Nathan,
> > >>
> > >> The USA model of the THD7A does not transmit KISS mode. The

> > >> European model TH-D7E version 2 does do Kiss mode properly, nut this is
> > >> too late for you I am afraid.
> > >>
> > >> It works beautifully in normal cmd:/converse/UI packet mode...
> > >> That is how we use it for APRS...
> > >
> > > Is there any possibility that this will be fixed in a future firmware
> > > upgrade?
> >
> > Hah! Hah!
> >
> I was going into AES Tue and get a THD7A. I have now changed my mind.
> Also thinking about a D-700, but now I may be not buying any Kenwood
> products.

Hi Dale,

I have one of each and there is no way I would let the
"kiss mode" effect my decision to buy or not to buy..
IS that the only way you can run your applications?

73!

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

251. [htaprs] Re: PubSafety Mobile Data Terminals

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 27 Mar 2000 01:40:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73842-2000.03.27-01.39.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Date: 27 Mar 2000 06:27:55 GMT
>From: "Wayne H. Sanderson" <whsander@erols.com>
>To: "Mark Fellhauer" <sparkfel@primenet.com>
>Subject: Re: [htaprs] Re: PubSafety Mobile Data Terminals
>X-Magic-Cap-Form: memo
>X-MIME-Autoconverted: from quoted-printable to 8bit by primenet.com id
XAA23538
>
>Due to the volume of requests for the vendor's contact info, I'll post it
here:
>
>Twin City Surplus
>1675 E. Fourth St.
>Reno, NV 89512
>1-888-323-5630.
>
>I was mistaken in some statements as Mark Fellhauer pointed out. It
outputs in FSK. I misread the manufacturer's info page. The rf modem they
are marketing turns out to be required to bridge their latest laptop based
MDT and their data radios. The MDT-870 terminal apparently has an internal
FSK modem. Maybe there is some way to wire in a TAPR modem disconnect
header and plug in a modem that would be compatible with ham packet
networking. The radio lead is a 25 pin d-sub connecter, so if you had a
pair or a small group wanted to network them, I think it would not be hard
to get this plugged into the data in port on data ready radios like the
Alinco mobiles, etc.
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

252. [htaprs] RE: [amsat-bb] THD7A question.

From: Jon Ogden <jono@enteract.com>
Date: Mon, 27 Mar 2000 06:28:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
<cooNathan.hagerman@usafa.af.mil>, <gabriele.belle@usafa.af.mil>
Message-ID: <LYR845-73865-2000.03.27-06.25.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/26/00 11:10 PM, Dale Blanchard at bolero@accessnv.com wrote:

> I was going into AES Tue and get a THD7A. I have now changed my mind.
> Also thinking about a D-700, but now I may be not buying any Kenwood
> products.

Oh, don't let that stop you. Even with the relatively poor support on
upgrades to the TH-D7A, it is still a GREAT product. The TM-D700A appears
to have all the improvements the D7A needs.

I would buy both radios again in a heartbeat. For what they do, they are
fantastic.

Go buy them and enjoy!

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

253. [htaprs] RE: [amsat-bb] THD7A question.

From: Brian Badger <Brian.Badger@wcom.com>
Date: Mon, 27 Mar 2000 09:26:11 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73904-2000.03.27-10.25.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden wrote:

> on 3/26/00 11:10 PM, Dale Blanchard at bolero@accessnv.com wrote:
>
> > I was going into AES Tue and get a THD7A. I have now changed my
> mind.
> > Also thinking about a D-700, but now I may be not buying any Kenwood
> > products.
>
> Oh, don't let that stop you. Even with the relatively poor support on
> upgrades to the TH-D7A, it is still a GREAT product.
>

I disagree. I think the D7A is an incredibly innovative product, with
features unlike any ever seen. For what it does, there is no
competition. But it's not "GREAT". It has so many bugs and design
flaws, it's barely usable. Kenwood, at the least, needs to keep
customers happy by offering a $50 or $75 firmware upgrade path. To fix
the insufferable "buttons gone dead because of incoming APRS traffic"
bug I'd easily drop $50. As it is, it is either a tracker, or a
handheld transceiver, but never both.

Will this adversely affect my decision to buy Kenwood products in the
future? Absolutely. Will I let you pry it from my fingers? Never!

There ain't no bleeding hearts on the bleeding edge. Nevertheless,
Kenwood needs to take a lesson from Garmin when it comes to supporting
their products. The customer, after all, is the one footing the bill.
--
Brian, KC0HIR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

254. [htaprs] Re: [amsat-bb] THD7A question.

From: "Tim Russell" <timruss@home.com>
Date: Mon, 27 Mar 2000 09:24:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73905-2000.03.27-10.26.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> From: Robbie Robertson <mwrobertson@mediaone.net>
> Date: Sun, 26 Mar 2000 23:21:46 -0600
> Hi Dale,
>
> I have one of each and there is no way I would let the
> "kiss mode" effect my decision to buy or not to buy..
> IS that the only way you can run your applications?

Two things:

1) It's not the fact that it doesn't do KISS, it's the fact that the D7 still has confirmed bugs, but Kenwood has essentially orphaned the early-adopters who have made it a successful product. If the newer units are coming with firmware that isn't available to current users, I'll be DOUBLY upset. Awhile back I heard rumors that new units had a BEEP MINE setting, which is the only way the beep function is useful to me, and if that's true and I can't get an upgrade, I'm not happy at all.

2) KISS mode is very useful - it gets around a lot of the compatibility problems with different TNCs and puts control over communications in the hands of the application program, where it belongs. Frankly, I'm surprised that APRS wasn't designed KISS-only from day one. I need KISS for things like Linux packet networking.

Basically, I don't appreciate paying upwards of $400 for a product that has buggy firmware and then not being able to get those bugs fixed. Can you imagine the uproar if Palm had a policy like this for the Pilot?

73, Tim, K0RUS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

255. [htaprs] THD7A Kenwood Bashing

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Mon, 27 Mar 2000 09:46:11 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73921-2000.03.27-11.45.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I see several people are complaining about releasing products with firmware that is not perfect and they get very upset about it. If the manufacturers were to wait until everything was perfect, then we would never see any of the neat new products, because nothing now days is perfect especially when it is software controlled.

I don't see anyone complaining that Microsoft keeps releasing all their new operating systems which have known bugs built in. Some of which they were not aware of and others that they knew existed but they release it anyway because they are already behind schedule. Look at Windows 98, it was not even Y2K compliant in the original released version. They give you some "free" upgrades at their site, but then they want you to pay for the Release 2 upgrade which fixes their screw-ups and adds a couple of things that I have no need for. This seems to be an accepted practice even though, to me it boarders on fraud, since for us non-computer gurus, we are a captive audience and have to pay and pay and pay.

Kenwood had marketed an excellent product in the TH-D7A and lets give them credit for that. Until something better comes available, I will not hesitate recommending it to everyone with an interest in APRS. Thank you Kenwood for putting out such a fine radio for us to play with. Yes, it has some bugs, but nothing I can't live with. Yes, there are plenty of

improvements that could be added to this radio, but us cheap guys, which
includes the majority of the ham community, would not want to pay for it.
So, lets be happy with what we got.

Yes, Garmin is a fantastic company. I have been with them ever since I
bought my first GPS and would never consider switching. Their FREE software
upgrades are super, but keep in mind that economic reasons forced them into
this free upgrade process. They originally started it to fix problems on
units that would not work properly and they could not afford to take them
all back for upgrades, so they put the info on the web to save money and we
all benefited from that decision.

Long before Kenwood came out with the TH-D7A, I recommended to ICOM to make
a similar product since I was an ICOM man, but their marketing group turned
down my suggestion since they did not feel there was any money to made with
such a product. I certainly hope that Kenwood is making money at it so that
they can develop more of these neat products in the future.

Like I said before: THANK YOU KENWOOD!

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

> -----Original Message-----
>>
> Two things:
>
> 1) It's not the fact that it doesn't do KISS, it's the fact that the D7
> still has confirmed bugs, but Kenwood has essentially orphaned the
> early-adopters who have made it a successful product. If the newer units
> are coming with firmware that isn't available to current users, I'll be
> DOUBLY upset. Awhile back I heard rumors that new units had a BEEP MINE
> setting, which is the only way the beep function is useful to me, and if
> that's true and I can't get an upgrade, I'm not happy at all.
>
> Basically, I don't appreciate paying upwards of $400 for a
> product that has
> buggy firmware and then not being able to get those bugs fixed. Can you
> imagine the uproar if Palm had a policy like this for the Pilot?
>
> 73, Tim, K0RUS
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

256. [htaprs] Re: THD7A Kenwood Bashing

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 27 Mar 2000 13:17:39 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73923-2000.03.27-12.19.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 09:46 AM 3/27/00 -0800, Herb Gerhardt, KB7UVC wrote:
>I see several people are complaining about releasing products with firmware
>that is not perfect and they get very upset about it.

What I see is people getting upset because there are bugs that weren't
known before purchase, and the manufacturer expresses no intention to
correct them.
I don't see the fact that there are bugs, per se, as the problem.

If you buy a book and then discover that some of the pages are missing,
would you not expect a replacement? You have every right to expect that
this book will contain all the appropriate pages, and not have missing or
mangled pages.

The outrage comes up when you attempt to get the problem fixed, and run
into the "too bad, so sad" attitude.

IMHO, the product should perform as per the published docs at the time of
sale.
I've been on both sides of that one too, so I know what it's like to have
to recall 10,000 units and change EPROMS.

>I don't see anyone complaining that Microsoft keeps releasing all their new
>operating systems which have known bugs built in.

Hopefully not, this is the wrong forum for that sort of problem.

> Yes, it has some bugs, but nothing I can't live with.

Speak for yourself. Others aren't in that situation.

>Yes, there are plenty of
>improvements that could be added to this radio, but us cheap guys, which
>includes the majority of the ham community, would not want to pay for it.

Again, speak for yourself. I would cheerfully pay for enhancements and
upgrades, but asking me to pay to have code fixed that was supposed to be
working when I bought the radio is a bit over the top.

The average APRS user is not a cheap guy. I'd guess the minimum investment
at this point (all new gear) is about $500 to put a TH-D7 and GPS on the
air. My APRS investment is many times that, just in new gear purchased,
not counting homebrew or used gear.

Kenwood has built a couple of excellent radios for us. They also have bugs.
They knew there would be bugs. If they didn't provide themselves a low cost
way to fix those bugs, then that's THEIR fault, as are the bugs.

Given what's available in terms of flash and EEPROM, there's no excuse for
having a product that can't have it's firmware reloaded in the field,
without the risk of turning it into a brick with a bad load. (The loader
code should be permanent memory of course)

My products work that way, and have been for the last 10 years, and I don't
have a fraction of the resources that Kenwood does.

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBON/P84FlGDz1l6VWEQJccwCfW5qGe7m/onXFOf0L8fXl2Z1uTyoAn1Dp
HWussdAxpn6GzGzLjvKQ/ygz
=uD0G
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

257. [htaprs] Re: [amsat-bb] THD7A question.

From: James Jefferson <jjeffers@deskmedia.com>
Date: Mon, 27 Mar 2000 12:28:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73925-2000.03.27-12.28.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>2) KISS mode is very useful - it gets around a lot of the compatibility
>problems with different TNCs and puts control over communications in the
>hands of the application program, where it belongs. Frankly, I'm surprised
>that APRS wasn't designed KISS-only from day one. I need KISS for things
>like Linux packet networking.

What is wrong with KISS mode? My D7A from April (1999) worked okay under
Linux last time I tried it. The buffer is a bit small (256 bytes, I
believe) but I was able to work around that by making a smaller MTU. I did
discover, however, that the deviation was quite a bit to low on both 1200
and 9600.

Does KISS mode in the D700 work correctly? I haven't had a chance to test
mine yet.

73,

-James Jefferson KB0THN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

258. [htaprs] Re: THD7A Kenwood Bashing

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 27 Mar 2000 13:26:54 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73926-2000.03.27-12.28.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

As an example, I'm working on an advanced doppler DF rig at the moment.

It gets it's firmware from a PC paralell port with five wires and a loader
program on the PC.
There's nothing you can to to it (short of electrical/mechanical damage)
that will prevent it from taking new firmware.

I know I will have bugs. My customers will be able to load new firmware
themselves, in less than a minute, delivered by email or pulled from a web
site. If they don't want to do that, then they can mail the rig back to
me, and I'll load it for them.

So I know whereof I speak, when I say that Kenwood could have done this too.

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBON/SHoFlGDz1l6VWEQKosACgthiewBSs9WgggGZgL9SHOEQh7VcAnA0W
kN8iTTmcS2HVcaS1EaT/Fm1s
=xrje
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

259. [htaprs] THD7A antenna

From: "John Shinall" <k4yk@arrl.net>
Date: Mon, 27 Mar 2000 12:53:51
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73928-2000.03.27-12.53.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a replacement antenna available for the THD7A that works and does
not require an adapter. The OEM antenna seems to be little more than a
dummy load. (The comment is not intended to be Kenwood bashing.)

73,

John, K4YK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

260. [htaprs] Re: THD7A Kenwood Bashing

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 27 Mar 2000 13:55:34 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-73930-2000.03.27-12.55.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 27 Mar 2000, David VanHorn wrote:
<snip>
> Again, speak for yourself. I would cheerfully pay for enhancements and
> upgrades, but asking me to pay to have code fixed that was supposed to be
> working when I bought the radio is a bit over the top.

I dont think KISS mode was ever marketed as a feature of the THD7. IN
fact, I dont think any version of APRS supported KISS mode back when the
THD7 was announced.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

261. [htaprs] Re: THD7A question. / deviation

From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 27 Mar 2000 13:13:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73933-2000.03.27-13.13.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James Jefferson wrote:
>.. .
>
> believe) but I was able to work around that by making a smaller MTU. I did
> discover, however, that the deviation was quite a bit to low on both 1200
> and 9600.
>
>

Interesting that your deviation was too low. Mine is a little too high. Almost 4 kHz on 1200 baud packet. Does anybody know if it's adjustable? I'd like to try to see how much better the D7 works at 3 kHz. My mobile worked a lot better when I cranked it back to 3 kHz.

Skip

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

262. [htaprs] Re: THD7A antenna

From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 27 Mar 2000 13:21:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73934-2000.03.27-13.22.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John Shinall wrote:
>
> Is there a replacement antenna available for the THD7A that works and does
> not require an adapter. The OEM antenna seems to be little more than a
> dummy load. (The comment is not intended to be Kenwood bashing.)
>
I was at a hamfest yesterday and looked for antennas. All I saw was a wimpy looking antenna (MFJ I think) with an SMA on it. The rod diameter was less than half that of the standard Kenwood antenna. I can't see that that would even be as good. Especially if you're trying to do any out of band receive. The smaller the antenna, the narrower the bandwidth. I've compared tx & rx on my D7 to my Icom W31 and the W31 receives much better. Both show about the same rx sens on a service monitor. Guess I'll look at Dayton for an antenna. I'm not going to buy an antenna without trying it first. A couple years ago I was going to try a dual band "Gain antenna". I dialed up a repeater that was a little distance from the hamfest where I was. The repeater was fairly noisy and I had to move around a bit to be able to key it with the standard antenna (my W31). When I tried the "Gain antenna", I couldn't find any place where I could get into the repeater! So much for that gain antenna!

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

263. [htaprs] Re: THD7A antenna

From: Chris Arndt <carndt@slonet.org>
Date: Mon, 27 Mar 2000 11:39:47 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-73937-2000.03.27-13.39.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Comet has a 3" SMA duck that works at least as well as the stock one. MH209SMA is the number. It's almost identical to a Maldol Active Hunter, only with the SMA connector.

They also have a skinny 17" whip, the SMA24,and a 9.75 SMA3. All are dual
band. I have the first two, not the third. There are several other listed,
too..

Go to the AES page, www.aesham.com/cmt.shtml, and FIND (ctrl-F) on SMA.

73,

Chris

On Mon, 27 Mar 2000, John Shinall wrote:

> Is there a replacement antenna available for the THD7A that works and does
> not require an adapter. The OEM antenna seems to be little more than a
> dummy load. (The comment is not intended to be Kenwood bashing.)
>
> 73,
>
> John, K4YK
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

264. [htaprs] Re: THD7A Kenwood Bashing

From: Busch Thomas H CNIN <Busch_T@crane.navy.mil>
Date: Mon, 27 Mar 2000 14:42:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73938-2000.03.27-13.42.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, I think providing for flash upgrade should be something that
Kenwood (and their competitors) should pay attention to. It partially
solves the catch that Kenwood is in for fixing bugs without having to deal
with massive product returns. You will never fix all bugs in a particular
product, but at least with flash you can provide an easy upgrade path, as
long as you have engineers to support it.

Just too late for D7 and D700.

TomB

> -----Original Message-----
> From: David VanHorn [SMTP:dvanhorn@cedar.net]
> Sent: Monday, March 27, 2000 4:18 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: THD7A Kenwood Bashing
>
> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
> At 09:46 AM 3/27/00 -0800, Herb Gerhardt, KB7UVC wrote:
> >I see several people are complaining about releasing products with
> firmware
> >that is not perfect and they get very upset about it.
>
> What I see is people getting upset because there are bugs that weren't
> known before purchase, and the manufacturer expresses no intention to
> correct them.
> I don't see the fact that there are bugs, per se, as the problem.
>
> If you buy a book and then discover that some of the pages are missing,
> would you not expect a replacement? You have every right to expect that
> this book will contain all the appropriate pages, and not have missing or
> mangled pages.
>
> The outrage comes up when you attempt to get the problem fixed, and run
> into the "too bad, so sad" attitude.
>
> IMHO, the product should perform as per the published docs at the time of

> sale.
> I've been on both sides of that one too, so I know what it's like to have
> to recall 10,000 units and change EPROMS.
>
> >I don't see anyone complaining that Microsoft keeps releasing all their
> new
> >operating systems which have known bugs built in.
>
> Hopefully not, this is the wrong forum for that sort of problem.
>
> > Yes, it has some bugs, but nothing I can't live with.
>
> Speak for yourself. Others aren't in that situation.
>
> >Yes, there are plenty of
> >improvements that could be added to this radio, but us cheap guys, which
> >includes the majority of the ham community, would not want to pay for it.
>
> Again, speak for yourself. I would cheerfully pay for enhancements and
> upgrades, but asking me to pay to have code fixed that was supposed to be
> working when I bought the radio is a bit over the top.
>
> The average APRS user is not a cheap guy. I'd guess the minimum investment
> at this point (all new gear) is about $500 to put a TH-D7 and GPS on the
> air. My APRS investment is many times that, just in new gear purchased,
> not counting homebrew or used gear.
>
> Kenwood has built a couple of excellent radios for us. They also have
> bugs.
> They knew there would be bugs. If they didn't provide themselves a low
> cost
> way to fix those bugs, then that's THEIR fault, as are the bugs.
>
> Given what's available in terms of flash and EEPROM, there's no excuse for
> having a product that can't have it's firmware reloaded in the field,
> without the risk of turning it into a brick with a bad load. (The loader
> code should be permanent memory of course)
>
> My products work that way, and have been for the last 10 years, and I
> don't
> have a fraction of the resources that Kenwood does.
>
> -----BEGIN PGP SIGNATURE-----
> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>
> iQA/AwUBON/P84FlGDz1l6VWEQJccwCfW5qGe7m/onXFOf0L8fXl2Z1uTyoAn1Dp
> HWussdAxpn6GzGzLjvKQ/ygz
> =uD0G
> -----END PGP SIGNATURE-----
>
>
> ---
> You are currently subscribed to htaprs as: tomb@kiva.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

265. [htaprs] Re: THD7A antenna

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 27 Mar 2000 14:51:08 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73940-2000.03.27-14.16.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 12:53 PM 3/27/00 +0000, John Shinall wrote:
>Is there a replacement antenna available for the THD7A that works and does
>not require an adapter. The OEM antenna seems to be little more than a
>dummy load. (The comment is not intended to be Kenwood bashing.)

The comet SMA whip is what I've been using for the last couple years. About
8x the gain (3x the range) of the standard helical dummy load.

```
-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBON/l3IFlGDz1l6VWEQK/PACgp5BrI5fGjvAfEkMmE3+ry1G9mHMAn003
VJS7foSzPkDRX1iUixtAflWD
=Ywkx
-----END PGP SIGNATURE-----


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

266. [htaprs] Re: THD7A Kenwood Bashing

```
From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 27 Mar 2000 14:53:18 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-73941-2000.03.27-14.18.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 01:55 PM 3/27/00 -0500, Bob Bruninga wrote:
>On Mon, 27 Mar 2000, David VanHorn wrote:
><snip>
>> Again, speak for yourself. I would cheerfully pay for enhancements and
>> upgrades, but asking me to pay to have code fixed that was supposed to be
>> working when I bought the radio is a bit over the top.
>
>I dont think KISS mode was ever marketed as a feature of the THD7.  IN
>fact, I dont think any version of APRS supported KISS mode back when the
>THD7 was announced.

I was speaking in the general case, not to any specific issue.
However, if the manual says it will do kiss, then I expect that to work.

If I buy a car, and there's an accessory I wasn't aware of at purchase,
which does not work, I'm entitled to get it fixed, no?


-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBON/mXoFlGDz1l6VWEQK2BQCgvX+aXUDJXJ37dj+VZXJse6jTOMIAoJ1w
1/9eiwSeVS8Y+mRg8UKLlhNx
=UAsj
-----END PGP SIGNATURE-----


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

267. [htaprs] Re: THD7A question. / deviation

```
From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 27 Mar 2000 14:54:31 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73942-2000.03.27-14.20.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1


>Interesting that your deviation was too low.  Mine is a little too
>high.  Almost 4 kHz on 1200 baud packet.  Does anybody know if it's
>adjustable?  I'd like to try to see how much better the D7 works at 3
>kHz.  My mobile worked a lot better when I cranked it back to 3 kHz.


3k is about what I've settled on here too.
It's definitely a case where 10% too much is lots worse than 10% too little.
-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBON/mp4FlGDz1l6VWEQK3TwCg9N0TJi+QeLBNAR7ZoOUOjQGrtEoAn2S5
UHkpVZ8sOKV7iQ2a6f7V4uXG
```

```
=j681
-----END PGP SIGNATURE-----


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

268. [htaprs] Re: THD7A Kenwood Bashing

From: Chris Arndt <carndt@slonet.org>
Date: Mon, 27 Mar 2000 12:24:23 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-73943-2000.03.27-14.25.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been thinking about this. I wonder if one reason might not be type acceptance. Any radio that could be flashed by the owner has the potential (however remote) to have the image reverse engineered, and then changed to make the radio function in non-approved ways.

OTOH, this could make being a radio manufacturer really easy. Just stock unprogrammed chassises in different bands, and squirt in an image for what ever the customer wants to buy. I bet a single model could easily handle 2m, high band, and marine band...

On Mon, 27 Mar 2000, Busch Thomas H CNIN wrote:

> Actually, I think providing for flash upgrade should be something that
> Kenwood (and their competitors) should pay attention to. It partially
> solves the catch that Kenwood is in for fixing bugs without having to deal
> with massive product returns. You will never fix all bugs in a particular
> product, but at least with flash you can provide an easy upgrade path, as
> long as you have engineers to support it.
>
> Just too late for D7 and D700.
>
> TomB
>
> > -----Original Message-----
> > From: David VanHorn [SMTP:dvanhorn@cedar.net]
> > Sent: Monday, March 27, 2000 4:18 PM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: THD7A Kenwood Bashing
> >
> > -----BEGIN PGP SIGNED MESSAGE-----
> > Hash: SHA1
> >
> > At 09:46 AM 3/27/00 -0800, Herb Gerhardt, KB7UVC wrote:
> > >I see several people are complaining about releasing products with
> > firmware
> > >that is not perfect and they get very upset about it.
> >
> > What I see is people getting upset because there are bugs that weren't
> > known before purchase, and the manufacturer expresses no intention to
> > correct them.
> > I don't see the fact that there are bugs, per se, as the problem.
> >
> > If you buy a book and then discover that some of the pages are missing,
> > would you not expect a replacement? You have every right to expect that
> > this book will contain all the appropriate pages, and not have missing or
> > mangled pages.
> >
> > The outrage comes up when you attempt to get the problem fixed, and run
> > into the "too bad, so sad" attitude.
> >
> > IMHO, the product should perform as per the published docs at the time of
> > sale.
> > I've been on both sides of that one too, so I know what it's like to have
> > to recall 10,000 units and change EPROMS.
> >
> > >I don't see anyone complaining that Microsoft keeps releasing all their
> > new
> > >operating systems which have known bugs built in.
> >
> > Hopefully not, this is the wrong forum for that sort of problem.
> >
> > > Yes, it has some bugs, but nothing I can't live with.
> >

> > Speak for yourself. Others aren't in that situation.
> >
> > >Yes, there are plenty of
> > >improvements that could be added to this radio, but us cheap guys, which
> > >includes the majority of the ham community, would not want to pay for it.
> >
> > Again, speak for yourself. I would cheerfully pay for enhancements and
> > upgrades, but asking me to pay to have code fixed that was supposed to be
> > working when I bought the radio is a bit over the top.
> >
> > The average APRS user is not a cheap guy. I'd guess the minimum investment
> > at this point (all new gear) is about $500 to put a TH-D7 and GPS on the
> > air. My APRS investment is many times that, just in new gear purchased,
> > not counting homebrew or used gear.
> >
> > Kenwood has built a couple of excellent radios for us. They also have
> > bugs.
> > They knew there would be bugs. If they didn't provide themselves a low
> > cost
> > way to fix those bugs, then that's THEIR fault, as are the bugs.
> >
> > Given what's available in terms of flash and EEPROM, there's no excuse for
> > having a product that can't have it's firmware reloaded in the field,
> > without the risk of turning it into a brick with a bad load. (The loader
> > code should be permanent memory of course)
> >
> > My products work that way, and have been for the last 10 years, and I
> > don't
> > have a fraction of the resources that Kenwood does.
> >
> > -----BEGIN PGP SIGNATURE-----
> > Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
> >
> > iQA/AwUBON/P84FlGDz1l6VWEQJccwCfW5qGe7m/onXFOf0L8fXl2Z1uTyoAn1Dp
> > HWussdAxpn6GzGzLjvKQ/ygz
> > =uD0G
> > -----END PGP SIGNATURE-----
> >
> >
> > ---
> > You are currently subscribed to htaprs as: tomb@kiva.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

269. [htaprs] Re: THD7A Kenwood Bashing

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 27 Mar 2000 15:35:10 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-73945-2000.03.27-14.35.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 12:24 PM 3/27/00 -0800, Chris Arndt wrote:
>I've been thinking about this. I wonder if one reason might not be type
>acceptance. Any radio that could be flashed by the owner has the potential
>(however remote) to have the image reverse engineered, and then changed to
>make the radio function in non-approved ways.

Then they need to make the compliance parts part of the permanent or
"factory only" set.

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

```
iQA/AwUBON/wLoFlGDz1l6VWEQJu9wCg1JuiPL0q3bD00qZolWejjOn+KtYAoOIA
y6B32Nxwl738aiexWAzpd/OM
=pMFJ
-----END PGP SIGNATURE-----


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

270. [htaprs] Re: THD7A question. / deviation

```
From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 27 Mar 2000 15:06:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73951-2000.03.27-15.07.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

David VanHorn wrote:
>
> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
> >Interesting that your deviation was too low.  Mine is a little too
> >high.  Almost 4 kHz on 1200 baud packet.  Does anybody know if it's
> >adjustable?  I'd like to try to see how much better the D7 works at 3
> >kHz.  My mobile worked a lot better when I cranked it back to 3 kHz.
>
> 3k is about what I've settled on here too.
> It's definitely a case where 10% too much is lots worse than 10% too little.
> -----BEGIN PGP SIGNATURE-----
> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>
> iQA/AwUBON/mp4FlGDz1l6VWEQK3TwCg9N0TJi+QeLBNAR7ZoOUOjQGrtEoAn2S5
> UHkpVZ8sOKV7iQ2a6f7V4uXG
> =j681
> -----END PGP SIGNATURE-----
>
>

But is it adjustable?  How?

Skip

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

271. [htaprs] Re: THD7A antenna

```
From: "John Shinall" <k4yk@arrl.net>
Date: Mon, 27 Mar 2000 15:41:49
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73957-2000.03.27-15.41.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Which specific Comet SMA antenna have you been using?

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

272. [htaprs] Re: THD7A antenna

```
From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 27 Mar 2000 16:59:56 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73960-2000.03.27-16.00.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 03:41 PM 3/27/00 +0000, John Shinall wrote:
>Which specific Comet SMA antenna have you been using?

It's a long dual band whip, but I don't know the specific model number.
It's been a while, and there's not enough room on the antenna for a part
number.

-----BEGIN PGP SIGNATURE-----
```

```
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOOAEDIFlGDz1l6VWEQJmIQCfZv82IN3gZdZPn4gaknvCvpMdVh4AoOMO
F8hJ9KYutFw6DiE5dECMvWPj
=ofyy
-----END PGP SIGNATURE-----


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

273. [htaprs] Re: THD7A antenna

```
From: Chris Arndt <carndt@slonet.org>
Date: Mon, 27 Mar 2000 14:12:16 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-73961-2000.03.27-16.12.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
The 3" MH209SMA mostly. I carry the SMA24 in the fanny pack for those
times I need a little extra gain.

On Mon, 27 Mar 2000, John Shinall wrote:

> Which specific Comet SMA antenna have you been using?
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

274. [htaprs] Monitoring the PACSATS on the D700

```
From: Richard Parry <rparry@qualcomm.com>
Date: Mon, 27 Mar 2000 16:35:55 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73981-2000.03.27-18.35.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
I want to listen (watch) pacsat packets on my mobile D700. I believe the
only way I can do that is by connecting a laptop to the RS232 port, and
watch the packets on the laptop screen, right? I wonder if there is
something I am missing. Is there a "screen" of the D700 that I can use that
will show me the raw packet data of a PACSAT?

thanks in advance,
Rich Parry, W9IF


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

275. [htaprs] RE: [amsat-bb] THD7A question.

```
From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 27 Mar 2000 22:05:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <bolero@accessnv.com>
Message-ID: <LYR845-73996-2000.03.27-21.08.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
on 3/27/00 11:26 AM, Brian Badger at Brian.Badger@wcom.com wrote:

> Jon Ogden wrote:
>
>> on 3/26/00 11:10 PM, Dale Blanchard at bolero@accessnv.com wrote:
>>
>>> I was going into AES Tue and get a THD7A. I have now changed my mind. Also
>>> thinking about a D-700, but now I may be not buying any Kenwood products.
>>>
>> Oh, don't let that stop you.  Even with the relatively poor support on
>> upgrades to the TH-D7A, it is still a GREAT product.
>>
```

>
> I disagree. I think the D7A is an incredibly innovative product, with
> features unlike any ever seen. For what it does, there is no competition.
> But it's not "GREAT".   It has so many bugs and design flaws, it's barely
> usable.   Kenwood, at the least, needs to keep customers happy by offering a
> $50 or $75 firmware upgrade path. To fix the insufferable "buttons gone dead
> because of incoming APRS traffic" bug I'd easily drop $50.   As it is, it is
> either a tracker, or a handheld transceiver, but never both.

Funny, I keep hearing about this "bug" and I have had my D7 for over a year
now (it was one of the first few regular production models with the, then,
"new" firmware) and it has been used in some fairly heavy APRS traffic areas
in NJ as well as up here on my mountain where I can copy Montreal on the D7
and I have yet to see it happen.

> Will this adversely affect my decision to buy Kenwood products in the future?
> Absolutely. Will I let you pry it from my fingers? Never!

 You have about the same chance of getting my D7 or my D700 from me. And I
plan to pick up another D7 next time someone has a a good sale (I have been
hearing prices under $400 already)

 73 de, brian, ka2bqe
--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "He's not dead -- He's electroencephalographically challenged."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

276. [htaprs] Re: Monitoring the PACSATS on the D700

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 27 Mar 2000 22:11:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-73998-2000.03.27-21.12.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/27/00 7:35 PM, Richard Parry at rparry@qualcomm.com wrote:

> I want to listen (watch) pacsat packets on my mobile D700. I believe the
> only way I can do that is by connecting a laptop to the RS232 port, and
> watch the packets on the laptop screen, right? I wonder if there is
> something I am missing. Is there a "screen" of the D700 that I can use that
> will show me the raw packet data of a PACSAT?
>
> thanks in advance,
> Rich Parry, W9IF
>

 In the same menu that has LIST MSG et al. is P.Mon - that will let you
monitor raw packets and if you hit HOLD you can scroll back up to 10
screens.

 73 de brian, ka2bqe
--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For my PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "...error reading WinOS. (A)bort, (R)etry, (M)acintosh?"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

277. [htaprs] Re: Monitoring the PACSATS on the D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 27 Mar 2000 23:04:49 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-74012-2000.03.27-22.05.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 27 Mar 2000, Richard Parry wrote:

> I want to listen (watch) pacsat packets on my mobile D700. I believe the
> only way I can do that is by connecting a laptop to the RS232 port, and
> watch the packets on the laptop screen, right? I wonder if there is
> something I am missing. Is there a "screen" of the D700 that I can use that
> will show me the raw packet data of a PACSAT?

Sure, just put it in APRS mode and set it to 9600 baud. Then tune in any
of the 5 9600 baud satellites. Tune for doppler and best sounding
"ssSsSsS" sound and tthen hit P.MON

You will see all the UI packets on the screen. (and FAST!)

ANother thing you can do is set your APRS Message Gropup to a wildcard of
"*" and then any packet that just happens to look like an APRS
message packet will be captured as a message. There is one particular
Telemetry packet that will get captured this way about once every 20
seconds or so..

FInally, come join us on the APRSSAT SIG and find out more...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

278. [htaprs] Re: PubSafety Mobile Data Terminals

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 28 Mar 2000 04:56:02 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74047-2000.03.27-22.55.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Due to the volume of requests for the vendor's contact info, I'll post it again here:

Twin City Surplus
1675 E. Fourth St.
Reno, NV 89512
1-888-323-5630.

I was mistaken in some statements as Mark Fellhauer pointed out. It outputs in FSK. I misread the manufacturer's info page. The rf modem they are marketing turns out to be required to bridge their latest laptop based MDT and their data radios. The MDT-870 terminal apparently has an internal FSK modem. Maybe there is some way to wire in a TAPR modem disconnect header and plug in a modem that would be compatible with ham packet networking. The radio lead is a 25 pin d-sub connecter, so if you had a pair or a small group wanted to network them, I think it would not be hard to get this plugged into the data in port on data ready radios like the Alinco mobiles, etc.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

279. [htaprs] Re: THD7A Kenwood Bashing

From: Roger Barker <roger@peaksys.co.uk>
Date: Tue, 28 Mar 2000 10:11:20 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74069-2000.03.28-03.14.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-73930-2000.03.27-12.55.47--roger#peaksys.co.uk@list
s.tapr.org>, Bob Bruninga <bruninga@nadn.navy.mil> writes
>On Mon, 27 Mar 2000, David VanHorn wrote:
><snip>
>> Again, speak for yourself. I would cheerfully pay for enhancements and
>> upgrades, but asking me to pay to have code fixed that was supposed to be
>> working when I bought the radio is a bit over the top.
>
>I dont think KISS mode was ever marketed as a feature of the THD7.

Surely the point is that, if the TH-D7 has a KISS command available, it
should work? Although how important that is probably depends on which
side of "the pond" you live on.

I get the impression that KISS not working is not at all important for

the USA market. When I first got hold of a TH-D7, and found that KISS
didn't work, I read all the various reviews of the rig that had been
published in the USA, and couldn't even find the word KISS!

In Europe it is much more important, because there is a wide range of
excellent packet software that uses KISS, and also hams buy the rig to
use for packet purposes other than APRS.

>IN fact, I dont think any version of APRS supported KISS mode back when
>the THD7 was announced.

What is the relevance of whether APRS supports KISS to the fact that
KISS in the TH-D7's internal TNC is broken? Or are you saying that
Kenwood regard the functionality of the TH-D7's internal TNC as only
being good for APRS use? If that is the case, then their marketing of
the rig over here has certainly never given that impression.

No, I'm not Kenwood bashing! The TH-D7 is a superb, innovative rig.
However, it has a very obvious fault and the best solution would be for
the manufacturer to fix that fault free of charge, learn from the
experience, and move on from there. One thing they could perhaps learn
would be to get similar rigs tested by users who are going to subject
them to a wider range of packet use than just APRS, *if* they regard the
TNC in the rig as being suitable for a wider range of use...

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View goto to - http://www.packetradio.org.uk
For WinPack goto to - http://www.peaksys.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

280. [htaprs] Re: [amsat-bb] THD7A question.

From: "Richard Carter" <rich.carter@windriver.com>
Date: Tue, 28 Mar 2000 08:20:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74085-2000.03.28-07.20.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just picked up a brand new D7, and it has no beep mine feature; too bad!

Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Tim Russell
Sent: Monday, March 27, 2000 10:25 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: [amsat-bb] THD7A question.

> From: Robbie Robertson <mwrobertson@mediaone.net>
> Date: Sun, 26 Mar 2000 23:21:46 -0600
> Hi Dale,
>
> I have one of each and there is no way I would let the
> "kiss mode" effect my decision to buy or not to buy..
> IS that the only way you can run your applications?

Two things:

1) It's not the fact that it doesn't do KISS, it's the fact that the D7
still has confirmed bugs, but Kenwood has essentially orphaned the
early-adopters who have made it a successful product. If the newer units
are coming with firmware that isn't available to current users, I'll be
DOUBLY upset. Awhile back I heard rumors that new units had a BEEP MINE
setting, which is the only way the beep function is useful to me, and if
that's true and I can't get an upgrade, I'm not happy at all.

2) KISS mode is very useful - it gets around a lot of the compatibility
problems with different TNCs and puts control over communications in the
hands of the application program, where it belongs. Frankly, I'm surprised
that APRS wasn't designed KISS-only from day one. I need KISS for things
like Linux packet networking.

Basically, I don't appreciate paying upwards of $400 for a product that has

buggy firmware and then not being able to get those bugs fixed. Can you
imagine the uproar if Palm had a policy like this for the Pilot?

73, Tim, K0RUS

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

281. [htaprs] Re: THD7A Kenwood Bashing

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Tue, 28 Mar 2000 09:20:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74103-2000.03.28-09.21.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I get the impression that KISS not working is not at all important for
>the USA market. When I first got hold of a TH-D7, and found that KISS
>didn't work, I read all the various reviews of the rig that had been
>published in the USA, and couldn't even find the word KISS!

That might be true if you do not want to work the Amateur Radio
Satellites. Most of the packet programs for satellite communications
use the KISS mode. In fact, there are several other packages that
require the KISS mode right here in the USA. So, it really depends
on how you want to use the Kenwood. I think of it as a portable radio
and not a digipeater or a digital node so the only place I am going
to use KISS is on the satellites.

KISS would be nice to have on the road since I am an active
Amateur Radio Satellite enthusiast. However, to successfully uplink
and downlink at 9600 baud on these satellites the radio and TNC
must work in full duplex mode. The TH-D7A does not do this when
the TNC is activated. It would be nice, but that was not the total
reason I purchased a TH-D7A. If it had full duplex operation with the
TNC and the radio simulataneously, it would take a very big crow bar
to pry this little baby from my hands and you would not succeed.

The TH-D7A will not work APRS in the 9600 baud mode as a stand
alone unit, nor can you set the unit to 9600 baud without a computer
or some other devce to send the proper commands to configure it
in the 9600 baud mode. This was a disappointment, but it was not
the total reason why I purchased a TH-D7A. I have heard about some
possibe changes in this area, but I have not seen it.

I purchased a TH-D7A for 1200 baud APRS work and to have a nice
dual-band HT. It works quite well in that respect. It is still an
excellent
radio with a built-in TNC. Considering that Kenwood is leading this
area at the moment, I have heard very little from the other suppliers
in the Amateur Radio world who are moving in this direction. If they
are doing so, they have not made it known to the general population.

Would I give up my TH-D7A. NO! Even despite the fact that t locks
up every once in a while under heavy APRS reception. Just take
it to the Dayton Hamfest, leave it on an APRS frequency, and you
will see what I mean. It can be annoying, but I do not walk around the
Dayton hamfest every day either.

>No, I'm not Kenwood bashing! The TH-D7 is a superb, innovative rig.
>However, it has a very obvious fault and the best solution would be for
>the manufacturer to fix that fault free of charge, learn from the

Yes, it is a superb unit. I worked several stations via UO-14 and
SO-35 in the FM voice mode using a rubber duck on the unit for an
out of this world experience. Connect an ARROW dual band handheld
beam and you have a big rig station for satellite use.

Technology changes and the prices change along with it. I got my

TH-7DA for $439.00 over a year ago. Then, I went to Dayton and
some of the other hamfests and found them for less than what I paid
with added extras like extra battery packs and external microphones. I
did not get these free with mine and felt a little deprived, but we live
in a world of competition and changing technology. When you purchase
a computer, you know it will be old technology in six months and the
operating system will be replaced every 2 years with something better
or at least it should be better. Do you expect the supplier to upgrade
your software for free every time a new feature or bug gets fixed?
Granted some software suppliers fix bugs and Kenwood also fixed
some issues with the earlier units like mine. Did they have to? No,
but the fact that they did was great!

Kenwood: When you come out with an upgraded TH-D7A with the
following additions, I will buy it:

1. Full duplex TNC and radio.
2. Field upgradeable FLASH memory by the user.
3. APRS functions working with 9600 baud like the 1200 baud mode,
    so I can use it on the satellites with 9600 baud APRS beacons.
4. Memory for my own canned messages that can be selected and
    sent from the HT without having to type them on the pad.
5. KISS mode. I thought it worked, but I have not tried it yet because
    it does me no good without the full duplex TNC and radio setting.

73's

Tim - N8DEU
Huntsville, Alabama

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

282. [htaprs] What is wrong with D7A KISS mode?

From: James Jefferson <jjeffers@deskmedia.com>
Date: Tue, 28 Mar 2000 09:45:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74109-2000.03.28-09.47.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nobody answered my question,

What is wrong with the KISS mode? I have successfully used my year old unit
with the Linux AX.25 utilities, under kiss mode.

The entire reason I bought the radio was because I saw Bob receiving the
PACSAT's in KISS mode at DCC in Chicago.

-James Jefferson KB0THN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

283. [htaprs] Re: What is wrong with D7A KISS mode?

From: Brian Badger <Brian.Badger@wcom.com>
Date: Tue, 28 Mar 2000 09:37:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-74121-2000.03.28-10.37.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James,

You can receive, but can you transmit?

--
Brian

James Jefferson wrote:

What is wrong with the KISS mode? I have successfully used my year old
unit
with the Linux AX.25 utilities, under kiss mode.

The entire reason I bought the radio was because I saw Bob receiving
the
PACSAT's in KISS mode at DCC in Chicago.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

284. [htaprs] Re: What is wrong with D7A KISS mode?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 28 Mar 2000 11:47:52 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-74122-2000.03.28-10.48.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 28 Mar 2000, James Jefferson wrote:

> Nobody answered my question,
> What is wrong with the KISS mode? I have successfully used my year old unit
> with the Linux AX.25 utilities, under kiss mode.
>
> The entire reason I bought the radio was because I saw Bob receiving the
> PACSAT's in KISS mode at DCC in Chicago.

Sorry if you were misslead. I never operated the radio in KISS mode and
always stressed that I was operating it in normal packet receive only
mode.   The radio CANNOT OPERATE CROSSBAND TNC. THis was stressed at
DCC more than 3 months before the radio was announced. So even if it had
a KISS mode, it would be useless for trying to do PACSAT-PROTOCOL with the
pacsats.

I always demonstrated how it could receive all BEACON, STATUS, TELEMETRY,
PBLIST, LSTAT, and all the OTHER pacsat UI packets in normal packet mode.
THese occur many times a second. ALso these UI packets are what we
anticipate will be very useful for Space Applications of APRS. RIght now
there are 5 sats you can copy these packets from: UO22, KO23, KO25, TO31
and SUNSAT.

You will see several of these UI packets per second from the PACSATS .
We also expect in the near future for one of these satelites to have DIGI
enabled for mobile-to-mobile APRS communications using the front panel of
the D700 radio. The THD7 in this regard can be used with any version of
APRS to monitor the downlink and see everyone. The D700 will not need a
laptop, since it can communicate 9600 baud APRS from the front panel. The
existing THD7 will need the laptop.

In summary, the radio cannnot operate crossband TNC, so the point about
KISS was moot for PACSAT operations from the git-go...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

285. [htaprs] Re: THD7A Kenwood Bashing

From: <dwilliams@csmail.law.pace.edu>
Date: Tue, 28 Mar 2000 14:43:27 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-74137-2000.03.28-13.32.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think that you folks have hit the nail right on the head!

Looks like the FCC is taking up this very issue.

http://www.fcc.gov/Bureaus/Engineering_Technology/News_Releases/2000/nret0004.html

Dave Williams
NN2D

On Mon, 27 Mar 2000, David VanHorn wrote:

> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
> At 12:24 PM 3/27/00 -0800, Chris Arndt wrote:
> >I've been thinking about this. I wonder if one reason might not be type
> >acceptance. Any radio that could be flashed by the owner has the potential
> >(however remote) to have the image reverse engineered, and then changed to
> >make the radio function in non-approved ways.
>
> Then they need to make the compliance parts part of the permanent or
> "factory only" set.
>
>
> -----BEGIN PGP SIGNATURE-----
> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>
> iQA/AwUBON/wLoFlGDz1l6VWEQJu9wCg1JuiPL0q3bD00qZolWejjOn+KtYAoOIA
> y6B32Nxwl738aiexWAzpd/OM
> =pMFJ
> -----END PGP SIGNATURE-----
>
>
> ---
> You are currently subscribed to htaprs as: dwilliams@csmail.law.pace.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

286. [htaprs] Re: THD7A Kenwood Bashing

From: David VanHorn <dvanhorn@cedar.net>
Date: Tue, 28 Mar 2000 14:48:42 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-74138-2000.03.28-13.58.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 02:43 PM 3/28/00 -0500, dwilliams@csmail.law.pace.edu wrote:
>I think that you folks have hit the nail right on the head!
>
>Looks like the FCC is taking up this very issue.

I won't claim any mystic insight, it's the same approach I've employed
since '83 for compliance with telco regulations in multiple countries. The
customer-accessable variables are never allowed to go out of compliance
range. This dosen't preclude them from using the same chassis into
different markets, they just need to make the compliance block more
difficult to change, and leave the rest open to casual reload. The part
that does the loading should always be in permanent memory, and you always
look for the "magic handshake" on powerup to see if there's a new load
coming.

(Shades of the agrelo foxhunt transmitter firmware. Too bad the product
went down with the ship.)

It's frustrating that KW is so good at the other aspects of the design, and
left this end hanging so badly.

```
-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOOE2yoFlGDz1l6VWEQIp4wCgulmmBzGT/521j3JqqbUczfDSkrsAoKo5
oBEzgwrZCxB8EuMLQpt8FZXo
=Jx03
-----END PGP SIGNATURE-----


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

287. [htaprs] pk232 as a digi?

```
From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Wed, 29 Mar 2000 22:51:50 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74300-2000.03.29-14.51.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

Hi All

Any one know of how to set a PK232 up as a digi? I wish to get one up as a digi for our APRS network here in South Africa.

Many thanks

Peter Black

The D700 arives tomorow! (I hope!)

288. [htaprs] Re: [aprssig] Need help D700

```
From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Wed, 29 Mar 2000 15:50:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74302-2000.03.29-14.55.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

The key combo should be (F)(1S)(TNC). The TNC button should appear as the 4th button on the left side.(bottom) This is a toggle to the 3 modes for the TNC.

Mode 1-No TNC Functions(serial port still functions for radio control)

Mode 2-APRS TNC
    The APRS indicator on the lcd will come on. APRS functions are controlled by the internal processor using the settings you put in the APRS and TNC sub menus. ie: call, status, tx rate, gps ect.

Mode 3-TNC mode. This functions as a TNC-2 clone for use with Mac/Win/Dos/Palm ect APRS. GPS data will be allowed as a "GPS on second serial port" option in most APRS versions under the D7 TNC. Some settings are controllable by the panel. ie baud rate.

As of yet I do not know of any APRS versions that function with the D700 while it is in APRS mode. It is something that I would like to work on if I had the time and more programming experience. This would really be an ideal situation, a semi passive software package that could display maps and give better message input ability while stationary. It could possibly be easy to do, I have to do more research. I am getting pretty good inputting messages into the D700 with the mic without really looking. But a terminal would be nice for public service work, or waiting for the YL in the parking lot.

Is anyone working on this at the moment? I could see using an I-opener with a touch screen as a real nice MDT for APRS.

Dennis, N2LBT

```
>
> Finally got my D700 hooked up and am playing with it to
> learn how
> it works but I have one problem I cannot seem to figure out
> and
> that is how to get it in APRS mode.
>
> It states to press (F)(1s) This should enter it into TNC
> APRS mode
> and display this on the display (Right or Wrong)???
```

>
> --
> Bill Nolle
> wa8inz@earthlink.net
> wa8inz@amsat.org
> ----------------------------
> Porta Digi site is back at:
> http://home.earthlink.net/~wa8inz

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

289. [htaprs] Re: pk232 as a digi?

From: Robert Donnell <kd7nm@ricochet.net>
Date: Wed, 29 Mar 2000 13:26:05 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74305-2000.03.29-15.26.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/enriched

At 10:51 PM 3/29/00 +0200, Peter ZR5DWC wrote:

>>>>

<excerpt><fontfamily><param>Arial</param>Hi All

</fontfamily>

<fontfamily><param>Arial</param>Any one know of how to set a PK232 up as
a digi? I wish to get one up as a digi for our APRS network here in South
Africa.

</fontfamily>

<fontfamily><param>Arial</param>Many thanks

</fontfamily>

<fontfamily><param>Arial</param>Peter Black

</fontfamily></excerpt>

Set the command DIGIPEAT to ON

Assuming you want the digipeater to act as a RELAY digipeater, set
MYALIAS to RELAY. Assuming it's otherwise set up for local packet
operation, you're done.

73 and have fun

Bob

 Bob Donnell, KD7NM   kd7nm@ricochet.net

 Western Washington Amateur IP Address Coordinator   (425) 775-3651

--------------------- http://wetnet.wa.com/~kd7nm ----------------------

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

290. [htaprs] GPS Baud rate

From: "Morris Hays" <mhays@snet.net>
Date: Wed, 29 Mar 2000 21:49:31
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74367-2000.03.29-21.49.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From the Kenwood TH-D7a instructional manual:

Commands supported by the built-in TNC:
GBAUD   GB   4800/9600

Selects 4800 or 9600 bps as the transfer rate between the TNC and the GPS
receiver.

The TH-D7a Manual Addendum for GPS connection simply states to put the
Garmin GPS receiver in NMEA 4800, which is simple enough. But as the manual
states there are settings of 4800 and 9600 within the TH-D7a, does it auto
select (not likely if there is a program to change it) or default to 4800
on startup? Without a PC how can I tell that the setting is at 4800 or
change it if it isn□t? Wondering if there is a selection why doesn't it
show up in the TH-D7a regular menus?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

291. [htaprs] Re: [aprssig] Need help D700

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Thu, 30 Mar 2000 5:56:44
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74420-2000.03.30-05.56.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 03/29/00, ""Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>" wrote:

>
> Mode 3-TNC mode. This functions as a TNC-2 clone for use with
> Mac/Win/Dos/Palm ect APRS. GPS data will be allowed as a "GPS on second
> serial port" option in most APRS versions under the D7 TNC. Some settings
> are controllable by the panel. ie baud rate.
>

This seems to be the mode to use with APRStk. But when I set
the B side to "Data" for receiving satellites, then all I/O goes
through that side. The first satellite pass causes the B side
to switch to 9600 baud and it remains there even after the satellite
passes and the B side goes to 144.39. Of course, this kills
the APRS copying mode of the program unless I use O-C-T and
set the hbaud back to 1200 by hand. But then the next sat
pass will cause it to be stuck at 9600 again.

I don't understand what part the A side plays in APRStk --
once the B side is set up as the data receiver, the A side
seems to play no part in the program.

Fred K8VDU
New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

292. [htaprs] Re: [aprssig] Need help D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 30 Mar 2000 10:43:17 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-74435-2000.03.30-09.43.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 30 Mar 2000, Fred Hatfield wrote:

> This seems to be the mode to use with APRStk. But when I set
> the B side to "Data" for receiving satellites, then all I/O goes
> through that side. The first satellite pass causes the B side
> to switch to 9600 baud and it remains there even after the satellite
> passes and the B side goes to 144.39. Of course, this kills
> the APRS copying mode of the program unless I use O-C-T and
> set the hbaud back to 1200 by hand. But then the next sat
> pass will cause it to be stuck at 9600 again.

This is a known bug when using the D700 with APRStk. (ill fix it when I
get mine hooked up). But it should not be a problem with the D7. My D7
qsys back and forth and changes the HB rate too...

The SUBJ line of the message says D700, but the original post was tlaking
aobut a D7... can you confirm..

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

293. [htaprs] Re: [aprssig] Need help D700

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Thu, 30 Mar 2000 10:19:26
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74441-2000.03.30-10.19.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 03/30/00, "Bob Bruninga <bruninga@nadn.navy.mil>" wrote:
> On Thu, 30 Mar 2000, Fred Hatfield wrote:
>
> > This seems to be the mode to use with APRStk. But when I set
> > the B side to "Data" for receiving satellites, then all I/O goes
> > through that side. The first satellite pass causes the B side
> > to switch to 9600 baud and it remains there even after the satellite
> > passes and the B side goes to 144.39. Of course, this kills
> > the APRS copying mode of the program unless I use O-C-T and
> > set the hbaud back to 1200 by hand. But then the next sat
> > pass will cause it to be stuck at 9600 again.
>
> This is a known bug when using the D700 with APRStk. (ill fix it when I
> get mine hooked up). But it should not be a problem with the D7. My D7
> qsys back and forth and changes the HB rate too...

> The SUBJ line of the message says D700, but the original post was tlaking
> aobut a D7... can you confirm..
>
> Bob

Yes, I was writing about the D700 although the original message was
about the D7. The procedure for setting the TNC caught my eye and
I realized it was the same for the D700.

Is it correct for the B channel to be doing all the work for
APRStk after it is set for DATA mode? I can see 144.39 packets
being copied on both A and B but the computer only sees the
B channel (which has the 9600 'bug').

This is an exciting system and I am anxious to copy some satellite
transmissions. I get information on the List-Users page relating
to the satellites but I don't get any packets on the List-Telemetry
page.

Fred K8VDU
New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

294. [htaprs] Re: [aprssig] Need help D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 30 Mar 2000 12:44:42 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-74459-2000.03.30-11.45.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 30 Mar 2000, Fred Hatfield wrote:

> > > This seems to be the mode to use with APRStk....
> Is it correct for the B channel to be doing all the work...

Yes. Only scratching the surface of the potential here, but it's a start.

> This is an exciting system and I am anxious to copy some satellite
> transmissions. I get information on the List-Users page relating to
> the satellites but I don't get any packets on the List-Telemetry page.

Yes, LIST-TELEMETRY is for "APRS" formatted TELEMETRY. Until yesterday
none of the pacsats used that mode...(can say no more for now... grin)

Hit LIST-PACSATS and that is where you will see the HEX telemetry from

the PACSATS...

Hit LIST-USERS to see who was using the bird...

Hit BULLETINS to see if any of the satellites are sending APRS bulletins

Stay tuned over the next few weeks for exciting new developments...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

295. [htaprs] SUNSAT PASSES

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Thu, 30 Mar 2000 23:27:01 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74484-2000.03.30-15.25.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All here are the passes for sunsat. It is in mode B ie: uhf up vhf down

145.825
436.290

South America:

29 March	00:07
31 March	23:46
2 April	11:25
5 April	00:25
5 April	23:44
6 April	23:05
8 April	12:26
9 April	11:46

USA:

28 March	03:52
29 March	03:12
30 March	02:32
31 March	03:31
1 April	14:03
2 April	13:25
5 April	03:30
6 April	02:50
7 April	02:09
8 April	14:22
9 April	13:42

Morning passes will probably be changed to evening passes as the
orbit changes, as morning passes become too early.

296. [htaprs] Programming cmds for Memorys for D700

From: "Karl G6ODT" <g6odt@btinternet.com>
Date: Thu, 30 Mar 2000 23:56:52 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74492-2000.03.30-17.00.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi ,

As I dig deeper while developing my D700 control software
I'm looking for some more infomation.

When switching the radio to memory mode does anybody
know how to get the radio to report which memory channel
it is now using ?

I know how to get the name assigned to a memory channel but
first I need to know which memory the radio is using.

Also still looking for a cmd to send to the radio to make it thing
the OK button has been pressed or for that matter if there exists

a way to emulate any button then it could open a few ideas.

All help gratefully received.

73 Karl G6ODT
g6odt@yahoo.com
http://www.btinternet.com/~g6odt/d700.html
http://members.tripod.com/~g6odt/packet.html
http://backdoor.to/g6odt

24hr Digi 144.800 Relay,Wide,Irth,G6ODT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

297. [htaprs] APRStk version K10

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 30 Mar 2000 18:57:07 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74511-2000.03.30-17.57.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRStk does two things. It can serve as an automated APRS and
VOICE satellite ground station while automatically tuning the
Kenwood radios to satellites in view, or it can serve the wider community
by letting one copy run in each major APRS wide area. On 144.39 then, it
does these things:

1) Transmits Satellite OBJECTS on 144.39 whenever one of the satellites
that are workable from your mobile or HT are in view. There are 7 you
can receive and several you can transmit to..

2) Once every 10 minutes transmits out a DX-SPOT to all THD7 or D700's
alerting everyone to any satellites that will come into view in the next
80 miuntes.

The beauty of this is that a mobile THD7 or D700 user needs no prior
knowledge to work one of these satelites. If he sees UO14 pop up on his
radio front panel, it will show the AZIMUTH, DISTANCE and FREQUENCY of the
satellite. When it gets closer than say 1000 miles he can work it with
his 2m mobile whip. If he has a handheld beam, he can work it at 1500
mi...

APRStk version 10 has been posted. It fixes two things:

1) It fixes the bug with the D700 that would not QSY back to 144.39
2) It knows the difference between day and night and will not uplink
   AO27 at night when it is off.
3) It separates SO35 into a digital and voice bird so that the separate
   modes can be separately handled.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

298. [htaprs] Re: [aprssig] Need help D700

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Fri, 31 Mar 2000 6:9:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74587-2000.03.31-06.09.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 03/30/00, "Bob Bruninga <bruninga@nadn.navy.mil>" wrote:

> Hit LIST-PACSATS and that is where you will see the HEX telemetry from
> the PACSATS...

Finally copied a hex string from a satellite with APRStk!

>
> Hit LIST-USERS to see who was using the bird...

Got that list, too!

> Hit BULLETINS to see if any of the satellites are sending APRS bulletins
>
> Stay tuned over the next few weeks for exciting new developments...

I downloaded version 10 of APRStk and looks like it is
working great. Switched to 144.39 at 1200 baud like a charm.
Just though I'd let you know....

Fred K8VDU
New Orleans

> Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

299. [htaprs] Re: APRStk version K10

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Fri, 31 Mar 2000 6:14:30
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74589-2000.03.31-06.14.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 03/30/00, "Bob Bruninga <bruninga@nadn.navy.mil>" wrote:
>
> 1) Transmits Satellite OBJECTS on 144.39 whenever one of the satellites
> that are workable from your mobile or HT are in view. There are 7 you
> can receive and several you can transmit to..
>
> 2) Once every 10 minutes transmits out a DX-SPOT to all THD7 or D700's
> alerting everyone to any satellites that will come into view in the next
> 80 miuntes.
>

Haven't gotten any verification of this feature yet. I've got
version 10 of APRStk running and looks great so far.

> The beauty of this is that a mobile THD7 or D700 user needs no prior
> knowledge to work one of these satelites. If he sees UO14 pop up on his
> radio front panel, it will show the AZIMUTH, DISTANCE and FREQUENCY of the
> satellite. When it gets closer than say 1000 miles he can work it with
> his 2m mobile whip. If he has a handheld beam, he can work it at 1500
> mi...
>
> APRStk version 10 has been posted. It fixes two things:
>
> 1) It fixes the bug with the D700 that would not QSY back to 144.39

Tested this and it works fine. Thanks!!

> 2) It knows the difference between day and night and will not uplink
>   AO27 at night when it is off.
> 3) It separates SO35 into a digital and voice bird so that the separate
>   modes can be separately handled.

I will be checking on these later. In the meantime, thanks
again for the version 10 update.

Fred K8VDU
New Orleans

> de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

300. [htaprs] Good Deal GPS

From: Dick Kors <kors@netcom.com>
Date: Fri, 31 Mar 2000 13:55:55 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74684-2000.03.31-15.56.50--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Hello all,

I have no connection with these guys, but at lunch today I bought a
Mitac MetroGuide Car Navigation System which includes a Mitac GPS, MAPS,
RS-232 cable and software all for $50.00 from Software & Stuff in
Sunnyvale (www.softwareandstuff.com). They had about 20 units in stock
when I was there. Again I have no connection to these guys but it
seemed like the best deal I've seen in a long time.

Dick, KM6EP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

301. [htaprs] Keyboard on a D700

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Fri, 31 Mar 2000 16:00:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-74717-2000.03.31-17.02.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This may be just the thing folks have been looking for.

Go to http://www.bb-elec.com/product.asp?dept%5Fid=80&sku=FA1%2DE
to see a device that inserts between a computer and it's keyboard, which
has an RS232 port which can talk and listen to either of those two. And you
don't even have to have the computer present, it will serve as a keyboard to
serial adapter. From their description:

. Serial ASCII Keyboard - This maps the AT keyboard keys to a simple ascii
character set which are sent to the RS-232/RS-485 port. This can be used
to create a simple ASCII RS-232/RS-485 serial keyboard. It can also make
monitoring keyboard usage easier.
. Serial Keyboard - Convert a keyboard to a serial RS-232 or RS-485 device.
This can be used for systems which don't have an AT style keyboard port, but
still need a QWERTY style keyboard.

Or you can use it to add a serial port to a laptop (for your GPS maybe):

. Attaching Input Devices - Connect RS-232 and RS-485 devices to a computer,
such as bar code scanners, magnetic card readers and measurement devices.
This way no communications ports are needed and the application can read
the input just as if it came from the keyboard

The functions above are available in the standard version which sells for
$99.
There is also an EEPROM version ($150) that can do these added things
among others:

. Store and execute key strings - The Keyat FA1-E can store key strings up to
31 characters in length in non-volatile EEPROM memory. The Keyat FA1-E has
memory for 32 strings. These strings can be executed either automatically or
with a command.
. Chain stored key strings - The Keyat FA1-E can chain together stored key
strings, to allow long key sequences.

***

And just for grins, look at their WristPC keyboard. Just the ting to get
yourself
fully wired. 40 keys, all alphas, numerics, and arrow keys; fully sealed; USB
interface: http://www.bb-elec.com/product.asp?dept%5Fid=97&sku=SA0013

***

I'm not affiliated with B&B Electronics, I'm not even a customer of theirs -
yet.

73,

Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

April 2000

Original source file: htaprs.0004
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0004

1. [htaprs] E-mail Change

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Sat, 1 Apr 2000 21:31:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Wyane KB8VOZ" <wdowl26686@aol.com>, "Tom \(N8DGD\)" <n8dgd@juno.com>,
"TOM \(KB8TYJ\)" <tbehler@netonecom.net>,
"Steve K8VOL" <k8vol@arrl.net>, "Scott \(WD8JMF\)" <wd8jmf@iserv.net>,
"Ronald Ricketson" <kc8cbw@grgig.net>,
"Rick \(K8WZS\)" <crpcrk@northlink.net>,
"Rich K8JX" <rranta@worldnet.att.net>,
"Paul Smith \(KBUYM\)" <kb8uym@dnx.net>,
"Paul Cole" <ZEPPMAN224@aol.com>, <mdxa@egroups.com>,
"Mary & Bob Reuthard" <bobbiebear@saltonpseas.com>,
"Mark \(AB8MS\)" <ab8ms@arrl.net>, <lowellarc-events@wallycom.com>,
"Ken VanderJagt" <vanderclan@usa.net>,
"John KC8LLW" <brooklyn@wingsisp.com>,
"JOHN DARR" <bonzo6677@hotmail.com>,
"John \(KC8EKJ\)" <hamopp1@juno.com>,
"Jerry \(W8MSK\)" <jeromew551@aol.com>,
"James KI8JD" <jcordes@iserv.net>, "HTAPRS" <htaprs@tapr.org>,
"Graham Merrill KB8SEW" <teddgram@wmis.net>,
"Gale \(N8GS\)" <n8gs@voyager.net>, "Eric \(K8CCA\)" <k8cca@arrl.net>,
"Dewey \(KC8AMZ\)" <kc8amz@juno.com>,
"CJ & Linda denDulk" <cjlinda@juno.com>,
"Chuck..W8VOM" <cqdxer1@triton.net>,
"CHRIS ROBINSON" <robinson.chris@ntrf.com>,
"Chris KC8MIL" <kc8mil@hotmail.com>,
"Carl N8AJE" <claytonc@triton.net>,
"BUCK N8CSP" <goodnews@mail.cmedic.net>,
"Brian \(KC8FUW\)" <bripaw@webtv.net>,
"BRAD - KB8QAU" <bkallio@freeway.net>, "Bill K8WM" <k8wm@arrl.net>,
"Andrew Cody \(KC8FQE\)" <codyspc@iserv.net>,
"Allen KC8LOJ" <kc8loj@yahoo.com>
Message-ID: <LYR845-74937-2000.04.01-20.29.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please note we are using the ARRL service and have discontinued JUNO.
Thanks,
Ron Karger AB8DT
[Attachment: tech.gif; image/gif; 862 bytes]
[Attachment: Tada.wav; audio/wav; 171,100 bytes]

2. [htaprs] D-7 & Palm Pilot

From: robhanson@juno.com
Date: Sun, 2 Apr 2000 13:05:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75041-2000.04.02-15.07.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Perhaps I missed it. This seems like such an obvious combination, someone
must have done it.

Is there a Palm Pilot program that will control the Kenwood Th-D7 and
also work as a packet or APRS terminal? Maybe the pocket APRS software
will do this, I have never used it. I'm trying to find a good enough
reason to spend the money on a PDA.

Any Ideas, suggestions?

73 ... Rob ... W6RH

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] D700 and Digipeating as Tracen-n ?

From: "Karl G6ODT" <g6odt@yahoo.com>
Date: Sun, 2 Apr 2000 23:16:32 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75059-2000.04.02-17.20.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can the D700 in APRS mode be set so that the digipeater
responds to Tracen-n ?
It says in the manual about using it in Packet mode and
tells you how in APRS mode to set the packet path for
Tracen-n and Widen-n but from the wording it doesn't
say that it will work as a Tracen-n digipeater in APRS
mode.

If it can what is the correct entry ?
73 Karl G6ODT
g6odt@yahoo.com
http://www.btinternet.com/~g6odt/d700.html
http://members.tripod.com/~g6odt/packet.html
http://backdoor.to/g6odt

24hr Digi 144.800 Relay,Wide,Irth,G6ODT

_____

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

http://im.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Travel Plus to D7A Interface

From: Norman Huber <nihuber@ice.net>
Date: Mon, 03 Apr 2000 01:02:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75120-2000.04.03-01.06.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Maybe I'm just getting old but I have been unable to figure out how to
get the Kenwood D7A memory control program (Version 1.10) or KD6VYV's
program to talk to or enter frequency lists from the ARRL's Travel Plus.
Since I am a lousy typist with big fingers, who is using the radio on my
Motorcycle, I would like to be able to pull up a list of repeaters prior
to a trip and program them in from my computer with the names of the
towns (truncated if necessary). That way I can try to find a local
repeater relatively easily without having to try to enter things while
rolling along the road..
So far I've typed in the list and saved it for latter if I felt I would
be going that way again.
Any help would be appreciated.

--
Norm - N9ZKS
 Bicyclist, Motorcyclist, Ham , Scouter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: Good Deal GPS

From: Ed Mulholland <ed_mulholland@yahoo.com>
Date: Mon, 3 Apr 2000 03:38:43 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75138-2000.04.03-05.38.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Another good deal seems to be the PHAROS
(www.pharosgps.com) IF you can get them to respond. I

have tried to e-mail them but no response back...may
be swamped???

--- Dick Kors <kors@netcom.com> wrote:
> Hello all,
>
> I have no connection with these guys, but at lunch
> today I bought a
> Mitac MetroGuide Car Navigation System which
> includes a Mitac GPS, MAPS,
> RS-232 cable and software all for $50.00 from
> Software & Stuff in
> Sunnyvale (www.softwareandstuff.com). They had
> about 20 units in stock
> when I was there. Again I have no connection to
> these guys but it
> seemed like the best deal I've seen in a long time.
>
> Dick, KM6EP
>
>
> ---
> You are currently subscribed to htaprs as:
> ED_MULHOLLAND@YAHOO.COM
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>
>

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Re: D-7 & Palm Pilot

From: Christopher McNabb <cmcnabb@4mcnabb.net>
Date: Mon, 3 Apr 2000 07:59:17 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-75149-2000.04.03-06.58.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've used PocketARPS quite successfully with a D-7 and a Palm Pilot IIIxe.
I plug a pharos GPS into the GPS port of the radio, and the radio passes
it on to the palm. You will need to get a Palm hotsync cable and modify
it to connect to the radio, but this is not a major undertaking.

On Sun, 2 Apr 2000 robhanson@juno.com wrote:

> Perhaps I missed it. This seems like such an obvious combination, someone
> must have done it.
>
> Is there a Palm Pilot program that will control the Kenwood Th-D7 and
> also work as a packet or APRS terminal? Maybe the pocket APRS software
> will do this, I have never used it. I'm trying to find a good enough
> reason to spend the money on a PDA.
>
> Any Ideas, suggestions?
>
> 73 ... Rob ... W6RH
>
> _____
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> You are currently subscribed to htaprs as: cmcnabb@4mcnabb.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] CE or Palm

From: Ralph Milnes <milnes@openix.com>
Date: Mon, 03 Apr 2000 08:55:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75166-2000.04.03-07.56.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm looking for opinions.

I'm at a fork in the road, deciding whether to go to the Windows CE camp or
the Palm camp. I want a handheld device to use primarily for 1.) mobile
APRS use and 2.) e-mail processing via modem. With the recent introduction
of APRS/CE and of color Palms, it looks like I can go either direction.

Anyone have any personnal experience or recommendations?

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: CE or Palm

From: Kapolka Anthony <kapolka@dogbert.mathcs.wilkes.edu>
Date: Mon, 3 Apr 2000 09:20:37 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-75173-2000.04.03-08.20.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 3 Apr 2000, Ralph Milnes wrote:

> I'm at a fork in the road, deciding whether to go to the Windows CE camp or
> the Palm camp. I want a handheld device to use primarily for 1.) mobile

> Anyone have any personnal experience or recommendations?

If you decide to get a Palm, look at the TRGpro - www.trgpro.com. It has
a compact flashcard slot, which means it can hold lots and lots of maps.

Anthony Kapolka
N3XIH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] APRS Satellite Test

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 3 Apr 2000 11:40:32 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-75210-2000.04.03-10.40.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is NOT for public announcement.   It was posted on the aprssat sig,
but since it applies to all D700 mobiles, then I figured I can safely post
it here also...   Please keep off other lists...

If these tests are successful and the South Africans decide it is worth
the political heat, then we may get ourselves a satellite digipeater VERY
soon..

BOTTOM LINE: If you have a D700 mobile, be sure to tune in 436.250 MHz
at 9600 baud APRS tomorrow at 0942 EDT 0842 CDT and see what you get.

de WB4APR

Here it is guys. APRS Satellite!!

TOmorrow, Tuesday and Wednesday mornings. 0942 EDT on Tuesday.

So set up your Mobile TMD700 for 1 minute POSITS and post a message or
two. Remember to set your APRS MSG GROUPS to include a "*" wildcard
and send your message to BLN# so all can see. Remember you have to
off-tune the downlink for a second to get your transmitter to see a clear
channel to transmit.

If you have a WISP station, PLEASE log a KISS file for them. That is what
they really want... a means to capture their image data worldwide... Here
is what they sent me:

As during the previous test, APRS status and telemetry broadcasts, as
well as UI broadcasting (this time of a high resolution image
fragment) will be active during your 13:42:11 UTC pass tomorrow. (Tues)
Additionally APRS digipeating (with callsign substitution), generic
digipeating and APRS test bulletin will be enabled. For generic
digipeating you may use SUNSAT (with any SSID as the digi call); for
APRS digipeating use APRSAT-0 (any SSID should do). The uplink will
be 145.825 MHz and the downlink 436.250 MHz. Wednesday's pass will
contain more of the same (depending on the success of tomorrow's).

For details on setting up your D700 see my ASTARS page:

http://web.usna.navy.mil/~bruninga/astars.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Re: APRS Satellite Test

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 3 Apr 2000 19:50:34 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75313-2000.04.03-18.50.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For the test, do NOT expect to hear your own packets. The Satellite is
operating full duplex and you are half duplex (plus you had to QSY to get
the BUSY to clear long enough to send) so you will NOT capture your own
packets.

SO dont just keep blindly banging away. Set for a 1 minute rate and we'll
see later what happened.

If anyone is using their D700 or THD7 with their IGATE station, then its
OK to IGate this to APRSERVE.... But again, no public announcement. This
way APRServe will capture what we need.

Setups for your D700 are near the bottom of my ASTARS page:

   http://web.usna.navy.mil/~bruninga/astars.html

Use the DIGI call of SUNSAT and add "*" to your message groups if you
want to see everything...

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Re: CE or Palm

From: "Gary U" <spoiler11@msn.com>
Date: Mon, 3 Apr 2000 22:45:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75385-2000.04.04-00.09.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: bounce-htaprs-15794@lists.tapr.org
[mailto:bounce-htaprs-15794@lists.tapr.org]On Behalf Of Kapolka Anthony
Sent: Monday, April 03, 2000 8:21 AM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS

Subject: [htaprs] Re: CE or Palm

Hi All

I have seen several references to the fact that a win/ce version of aprs
exists
but can't find it anywhere can anyone point me in the right direction.

Thanks

Gary
KC5UWA

On Mon, 3 Apr 2000, Ralph Milnes wrote:

> I'm at a fork in the road, deciding whether to go to the Windows CE camp
or
> the Palm camp. I want a handheld device to use primarily for 1.) mobile

> Anyone have any personnal experience or recommendations?

If you decide to get a Palm, look at the TRGpro - www.trgpro.com. It has
a compact flashcard slot, which means it can hold lots and lots of maps.

Anthony Kapolka
N3XIH

You are currently subscribed to htaprs as: spoiler11@msn.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] APRS + PSION Serie5 ?

From: "Höller, Wolf-Dieter" <Wolf.Hoeller@fw.oebb.at>
Date: Tue, 4 Apr 2000 09:36:19 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75390-2000.04.04-02.36.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm a PSION Serie 5 user and want to know if anybody has done APRS mode with
D7 / D700? I don't like to change my PDA ;-))
For PSION 5 the "street planner" and the "route planner" is available in
combination with a GPS device. So it should be possible to route the output
from a D7 / D700 via the serial line into the PSION 5 .....
Any ideas or experiences?

Thanks
73 de Wolf
OE7FTJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] RE: CE or Palm

From: Paul Jacques <PaulJ@minimed.com>
Date: Tue, 4 Apr 2000 05:01:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75396-2000.04.04-07.03.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a Palm III but upgraded it. TRG sells a 2M ROM/8M Flash card
for it. Now I can store lots of maps in it.

Paul
WB6IWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] RE: Good Deal GPS

From: Paul Jacques <PaulJ@minimed.com>
Date: Tue, 4 Apr 2000 05:05:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75398-2000.04.04-07.08.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got a hold of Pharos by calling them directly. Their GPS is a nice
little unit and seems to be just as sensitive as my 12XL. If you don't like
the PS2 power connector, replace it with a universal type.

Paul
WB6IWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Re: Good Deal GPS

From: kenneth.e.nichols@bellatlantic.com
Date: Tue, 4 Apr 2000 09:18:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75406-2000.04.04-08.19.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ordered a PHAROS iGPS-180 last Friday via telephone, arrived yesterday (Monday)!
I recommend phone order. Several on this list gave good experiences with this
unit/vendor and offered pinout for connectors to modify cable. They only have
grey units in spite of web site mentions of colors. Great small size for very
portable trackers, etc. No mounting method supplied, but small velcro will hold
to dash nicely. Documentation very sparce. Single unit price presently $125. I
recommend getting the $14.95 cig. power cord. It's a good buy with nice rubber
coiled power cord and the small regulator board inside cig. plug for building
even smaller power adapter to capture HT or other tracker power source. Without
it, remember the GPS unit works on 3.5-5.5vdc @ 170ma and comes with pigtail off
of DB-9 computer connector to plug into mouse (PS-2 mini-DIN male) port for
power. Both easily cut off and customized for compact setup. This GPS with
TH-D7 & Palm Pilot seems like the smallest full featured 'system' you can build
today. (Unless you go display-less with a MIM board and a Alinco credit card
radio!) Have fun. -Ken- KD3VK@amsat.org

--- On Mon, 3 Apr 2000, Ed Mulholland <ed_mulholland@yahoo.com> wrote:
>Another good deal seems to be the PHAROS
>(www.pharosgps.com) IF you can get them to respond. I
>have tried to e-mail them but no response back...may
>be swamped???

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Apple Newton and APRS?

From: "Keith Maton" <feek@bigfoot.com>
Date: Tue, 4 Apr 2000 15:13:10 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75410-2000.04.04-09.13.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings

I've been offered a cheap Apple Newton.

Is this compatible with any versions of APRS?

TIA

73
Keith, G6NHU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: [aprssat] Re: SUNSAT - APRS test!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Apr 2000 11:42:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75420-2000.04.04-10.43.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Results of test. PRIVATE post to HT and APRSSAT sigs only. Any further
postings will only be on the APRSSAT@lists.tapr.org remailer.

> We only saw W5ACM in Texas and NOCALL (me). If you tried and were
> unsuccessful, we must know why you think you were unsuccessful.
>
> Here are some possibilities to check:
> UNPROTO set to SUNSAT?
> HB set to 9600?   <= If running with a PC in TNC-PACKET mode
> APRS set to 9600?   <= if running in TNC-APRS mode
> TNC set to a:TX b:RX? <= TX at 9600 baud on 145.825
> FULLDUP set to ON?   <= in Packet mode, else you would never transmit
> Antenna?
> Power?
> Feedline?
> Did you hear it?
>
> We also must konw how many people were trying, since that will let us
> evaluate the success rate relative to the uplink channel QRM.
>
> de WB4APR, Bob

Here is the detail report....
Here is my report of the first SUNSAT APRS test at 1345z on Tuesday 4
April. It worked! The results below only report on the ASCII/APRS packets,
not the downlinked Image KISS data. This was a 26 deg max-EL pass to
my west.

SETUP: I had 4 stations receiving. Only my mobile was transmitting.

  1) Kenwood THD7 HT connected to 20" whip on roof with preamp and 150
     feet of coax. HT being autotuned by APRStk
  2) Kenwood TMD700 with OSCAR array running HYPERTERM and capture file
  3) Kenwood TMD700 to 20" whip outside window with 20' coax
  4) Kenwood TMD700 in my car connected to a 2m mobile (5/8 wave ant).

SUMMARY:

  1) HT received 27 packets: 3-TLM, 4-TEST, 9-BLN, 8-STS, 0-other
  2) OSCAR station received 24 pkts: 3-TLM, 4-TEST, 7-BLN, 6-STS, 4-other
  3) D700 on whip received 18 pkts. 6-TLM, 2-TEST, 5-BLN, 5-STS, 6-other
  4) D700 in car captured SUNSAT and W5ACM. No packet count available

COMMENTS:

   THe SUNSAT STATUS and TELEMETRY packets were in the correct APRS
format and were captured by all stations. The TEST message and the
Bulletin messages were not. THus they were not captured by APRS software.
They were missing the :BLN#_____: at the beginning of each line of text.
I was not in the car to see how many packets were displayed on the mobile
front panel since APRS only retains the LAST STATUS from each station.
That is why multiple line information must use the BULLETIN format.

The STATUS line of the mobile display is only 28 characters long and so
the SUNSAT status line shows as [OBC1v3: Tue APR 4 13:46:39 2] and is
truncated beyond that. The single digit DAY (4) allowed one more digit to
be displayed on the end ("2"). It might be worth changing the order of the
data to show more meaningful data in the first 28 bytes.

SUCCESS RATE:

   At the risk of drawing a conclusion, the uplink success rate appears
less than we have noticed on UO22. My mobile only got in once (it was on
a 30 second retry). This could be because of the wide announcement of
this test to a larger number of testers (the private APRSSAT group) and
therefore congestion on the uplink. ALthough you do not see but 2
stations successfully digipeated (W5ACM and NOCALL(me)), there could have
been many dozens trying, and being their first attempt at 9600 baud cross
band via satellite, they could have had all kinds of setup errors. THus
they were transmitting RF on 145.825, but none of it was correct to be
digipeated, yet still providing QRM. I can attest that there was
at least one user within line of sight of my station that was uplinking on
145.825 using 1200 baud...

Below is the capture file of the OSCAR station using HYPERTERM. It begins
with a KO23 pass just to verify our setup. Then proceeded to capture
the SUNSAT pass. The TNC only captures ASCII PID=F0 packets since it was
not in KISS mode.

```
HL01-11>PBLIST:PB: Empty.
HL01-12>BBSTAT:Open 12a :
HL01-11>TLM:îé8 Ptè‰÷"G! "
HL01>QST:SPIN12.8X4983.Z4815.H20.K1I0.I5M0.L-10.4W251E9.11G0.
HL01>QST:DIST:|0.|0.|0.|0.|0.|0.|0.|1.e+002|0.|0.|0.|0.|0.|0.
HL01>HITVER:HIT V2.17 PBP V2.06 DBP V1.01
HL01>STATUS:Tue Apr 04 13:29:14 2000 Up: 198/2:29 EDAC= 12813 F:174688
            L:174464 d:0 s:0 b:1113118775.
HL01-11>PBLIST:PB: K4JCW
HL01-11>PBLIST:PB: Empty.

cmd:day  04/04/00 13:29:01
SUNSAT-3>APRS:>OBC1v5: Tue Apr 4 13:43:39 2000, up=12/19:22:42, reset=poweron
SUNSAT-3>APRS:T#009,099,145,150,043,018,11111111
SUNSAT-3>APRS:>OBC1v5: Tue Apr 4 13:44:39 2000, up=12/19:23:42, reset=poweron
SUNSAT-3>APRS:This is the second line of a bulletin
SUNSAT-3>APRS:>OBC1v5: Tue Apr 4 13:45:09 2000, up=12/19:24:012, reset=poweron
SUNSAT-3>APRS:This is the last line of a bulletin
SUNSAT-3>APRS:T#022,099,146,153,045,018,11111111
SUNSAT-3>APRS:Testing APRS server
SUNSAT-3>APRS:>OBC1v5: Tue Apr 4 13:46:39 2000, up=12/19:25:42, reset=poweron
W5ACM-3>R9TP9X,APRSAT,SUNSAT*:'{Bel j/]Testing a new TM-D700
SUNSAT-3>APRS:Testing APRS server
SUNSAT-3>APRS:This is the first line of a bulletin
SUNSAT-3>APRS:>OBC1v5: Tue Apr 4 13:48:09 2000, up=12/19:27:012, reset=poweron
NOCALL>APR844,SUNSAT*::BLN1     :Welcome!  We hope this test shows value of Mobile Sat Comms!{10
W5ACM-3>R9TP9X,APRSAT,SUNSAT*:'{Bel j/]Testing a new TM-D700
SUNSAT-3>APRS:Testing APRS server
SUNSAT-3>APRS:>OBC1v5: Tue Apr 4 13:49:09 2000, up=12/19:28:013, reset=poweron
SUNSAT-3>APRS:This is the last line of a bulletin
W5ACM-3>R9TP9X,APRSAT,SUNSAT*:'{Bel j/]Testing a new TM-D700
SUNSAT-3>APRS:Testing APRS server
SUNSAT-3>APRS:This is the second line of a bulletin
SUNSAT-3>APRS:This is the last line of a bulletin
SUNSAT-3>APRS:T#049,098,148,156,044,018,11111111
SUNSAT-3>APRS:This is the first line of a bulletin
cmd:day 04/04/00 13:52:30
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: [aprssat] Re: SUNSAT - APRS test!

From: "ke4slc" <ke4slc@midusa.net>
Date: Tue, 4 Apr 2000 11:04:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75431-2000.04.04-11.04.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was listening to the bird but could just barely hear it on the D700. It
wasn't a strong enough signal to even show on the Smeter here in the middle
of KS. The problem may have been my 5/8 wave (on 2 mtr) dual band mobile
antenna has too much gain. IF I can listen again tomorrow, I'll try the
little 1/4 wave dual band. Knowing the duration of the pass would be good
too.. Since I will soon be traveling alot, I'm really interested in this
bird's capabilities.
73 de Dan

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, April 04, 2000 10:42 AM
Subject: [htaprs] Re: [aprssat] Re: SUNSAT - APRS test!

> Results of test. PRIVATE post to HT and APRSSAT sigs only. Any further
> postings will only be on the APRSSAT@lists.tapr.org remailer.
>
> > We only saw W5ACM in Texas and NOCALL (me). If you tried and were
> > unsuccessful, we must know why you think you were unsuccessful.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Re: SUNSAT - APRS test!

From: "Stan Slonkosky" <ke6zc@earthlink.net>
Date: Tue, 4 Apr 2000 09:46:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75434-2000.04.04-11.46.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "ke4slc" <ke4slc@midusa.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, April 04, 2000 9:04 AM
Subject: [htaprs] Re: [aprssat] Re: SUNSAT - APRS test!

> little 1/4 wave dual band. Knowing the duration of the pass would be good
> too.. Since I will soon be traveling alot, I'm really interested in this
> bird's capabilities.
> 73 de Dan

See http://www.heavens-above.com/ . You can either look up your location in
their database or enter the coordinates manually. After you've done that,
you can bookmark the page so you can get back to it quickly.

Once you are on that page, you will find a link to click that will give you
"24 hour predictions for radio amateur satellites (all passes)." Of course
you can bookmark this page as well.

Stan Slonkosky

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] This Looks Interesting

From: Ralph Milnes <milnes@openix.com>
Date: Tue, 04 Apr 2000 13:43:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75441-2000.04.04-12.43.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't know if this has been posted before...

Pharos is developing a CE-based device with GPS that looks interesting for
mobile use .... a small, color tablet capable of displaying maps. Don't
know if you could tie APRS to it, but if you could (there MUST be a way),
this could be THE PRODUCT for mobile APRS use in my opinion.

>From their website:

"iRudolph is the first Windows CE based portable navigation and
communication computer with a removable mass storagedrive --- Clik!. It
integrates a high performance micro controller, a 5.7" color LCD display, a
Clik! from Iomega, and a GPS receiver based on SiRF GPS technology. Its
open architecture design makes it easy to expand and to adopt third party
solutions for Windows CE devices. iRudolph will be available in the
beginning of spring 2000."

You can download a PDF flyer from:

http://www.pharosgps.com/product/irudolph.pdf

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Re: Sunsat testing continued

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 Apr 2000 18:07:13 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-75478-2000.04.04-17.07.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

More APRS Satellite testing on Wednesday...
If you need help setting up your TMD700, see bottom of:
http://web.usna.navy.mil/~bruninga/astars.html

de WB4APR, Bob

From: Johann Lochner (SUNSAT Team)

Hi Bob,

Once again, thanks to you and all others who
participated in today's test run. We'll repeat the
test during your 13:01:45 UTC pass tomorrow (WED at 0901 EDT
which will be over the East and CENTRAL USA). The BLN
format will be sorted out (hopefully). It will be
appreciated if you (or someone from your
APRSSAT testing group) would log KISS frames tomorrow
(we can extract all APRS and other data from these).
Please also zip the binary data before forwarding it
by e-mail.

Regards,
Johann

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: CE or Palm

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Tue, 4 Apr 2000 13:37:31 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75504-2000.04.04-20.17.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have you checked ftp://ftp.tapr.org/aprssig/wince/ ?

73

-Rob
KZ5RW

:Hi All
:
:I have seen several references to the fact that a win/ce version of aprs
:exists
:but can't find it anywhere can anyone point me in the right direction.
:
:Thanks
:
:Gary
:KC5UWA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] This Looks Interesting .. follow-up

From: Ralph Milnes <milnes@openix.com>
Date: Tue, 04 Apr 2000 22:07:02 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75516-2000.04.04-21.08.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As a follow-up to my earlier posting about Pharo's iRudolph, here's an
e-mail that will cool your jets ...

>iRudolph is not available yet. We planning
>release at Oct. 2000 and around US$900
>for color screen unit.
>
>Thank you for your attention.
>
>Alan Kuo
>Sales Director
>

http://www.pharosgps.com/product/irudolph.pdf

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] Re: Sunsat testing continued

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 5 Apr 2000 09:15:02 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-75592-2000.04.05-08.15.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry, nothing heard here on 436.250 MHz on the Wed morning 1305 UTC
scheduled pass for the SUNSAT APRS test.

Something must have gone wrong on the satellite's onboard schedule...

Sorry,
Ill let you know when I hear of another UNPUBLISHED test...

You see now why they dont want to make a public announcement until all the
wrinkles are worked out.... :-)

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Best price for a TMD700 ?

From: Paul Jacques <PaulJ@minimed.com>
Date: Wed, 5 Apr 2000 12:22:30 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75613-2000.04.05-14.25.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

        Anyone find a good deal on the Kenwood TM-D700A? I think I'm gonna
bite the bullet and get one.

Paul
WB6IWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] DCC 2000?

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 5 Apr 2000 15:34:20 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75614-2000.04.05-14.34.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there any more detailed information with regards to location and timing
of DCC 2000? TAPR's web site says "Orlando (Tentative)" with no date,
though I suppose mid- to late-September is a reasonable guess.

Orlando is a popular place, especially in the fall, and I'd like to be able

to book early and spend some vacation time down there before and/or after
the conference.

Thanks in advance.

73

     -Rob
      KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] Re: Sunsat re-test

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 5 Apr 2000 16:35:28 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-75624-2000.04.05-15.35.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRSSAT group,
See you tomorrow morning for one more try. Then we may just have a
permanent APRS satellite! See message to follow. But again, no public
comment until the SUNSAT team makes their announcement...
Besides APRS, though, they really do want some people to use KISS mode in
WISP to capture the raw image data that is also coming down...

de WB4APR, Bob
---------- Forwarded message ---------- Date: Wed, 5 Apr 2000 15:42:42
From: Johann Lochner
To: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Re: Sunsat testing continued

Hi Bob,
Had a look at the diary uploaded for today's pass: the time was
incorrectly entered. Sunsat only came on at 13:15 UTC. Sorry about
that. We'll repeat the test during your two morning passes tomorrow:
12:22 UTC (38°) and 14:02 UTC (17°). When all services (including
the UI broadcasts) are tested, we'll probably let the digipeating run
permanently (except for the short periods when the analog repeaters
are enabled).

Regards,
Johann

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] RE: D7

From: Ronald Ross <rossr@AdicomWireless.com>
Date: Wed, 5 Apr 2000 15:21:05 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: rossr@adicomw.com
Message-ID: <LYR845-75631-2000.04.05-17.21.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi ,

Can anyone tell me if it is possible
to switch the TNC on the D7 from 1200 to 9600b
and vice-versa from the keypad.

I'm trying to get mine to decode APRS at 9600b,
and 1200b when in the field without a PC available.

73

RR

KE6JAB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] RE: D7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 5 Apr 2000 20:45:37 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, rossr@adicomw.com
Message-ID: <LYR845-75647-2000.04.05-19.46.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 5 Apr 2000, Ronald Ross wrote:

> Can anyone tell me if it is possible
> to switch the TNC on the D7 from 1200 to 9600b
> and vice-versa from the keypad.

No. Not today anyway... :-)

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: Best price for a TMD700 ?

From: W4kkw@aol.com
Date: Wed, 5 Apr 2000 21:24:31 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75655-2000.04.05-20.25.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 04/05/2000 7:42:12 PM Eastern Daylight Time,
PaulJ@minimed.com writes:

<< Hi,

    Anyone find a good deal on the Kenwood TM-D700A? I think I'm gonna
 bite the bullet and get one.

 Paul
 WB6IWT >>

I just paid 629.95 at Jun's Electronics last week (800)882-1343
                                73 Kevin W4KKW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: Best price for a TMD700 ?

From: Ron Reeves <n7qxo@juno.com>
Date: Wed, 5 Apr 2000 18:48:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-75660-2000.04.05-20.49.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out http://www.texastowers.com/tmd700a.htm

Texas Towers is at $619.00 each plus shipping.

Ron Reeves
N7QXO

>
> Paul
> WB6IWT >>
>
> I just paid 629.95 at Jun's Electronics last week (800)882-1343
>   73 Kevin W4KKW

>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] 1200/9600 Signal Quality?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 5 Apr 2000 20:08:01 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-75643-2000.04.05-19.08.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'd like to see someone do a TEST with their D7/D700

What is the relative RF signal required for reliable PACKET recovery
between 1200 baud AFSK and 9600 baud FSK?

If they were both FSK with matched filters, then presumably the 1200 baud
would do 9 dB better. But we all know that AFSK is WORSE in a weak
signal environment AND There are some abominable 1200 Baud packet signals
on the air.

Previous tests of this age-old question were apples/oranges tests, because
each radio was home brewed to its own 9600 baud interface and that was
different from the 1200 baud audio path. In the KENWOOD, we have a
consistent radio, all manufactured to the same specs, and all tuned at the
factory, and with supposedly optimum settings for both modulators and
demodulators.

Based on my 9600 baud listning experience over the last several months to
the WEAK satellite downlinks, I'm beginning to think that the radios will
do 9600 baud with a weaker RF signal than they will with a 1200 baud AFSK
one.

Does Anyone want to take the time to do a GOOD quantifiable test?

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] other AVL - world rally cars

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Thu, 06 Apr 2000 09:52:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75757-2000.04.06-08.48.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

other AVL - world rally cars

Just completed support by voice of a SCCA "Club Rally" :
Cherokee Trails 2000. Approx. 30 cars running 70+ mph up,down & around (over?) forest
service access/fire roads in the Cherokee Natl. Forest.
2001 will be SCCA "National" rally w/ 120+ entrants. Would love to study working systems
for tracking. Considering Virtual Tracking System mentioned on list using 433Mhz xmtrs but
open to all suggestions/ideas??? anybody willing to share on list or by direct e-mail.
TNXS DB KD4EHC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Sunsat testing continued

From: "ke4slc" <ke4slc@midusa.net>
Date: Thu, 6 Apr 2000 09:28:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75769-2000.04.06-09.29.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Stations heard via Sunsat today on 1402z pass in central KS:

W5ACM-3
WB3ANQ-3

Did anyone hear KE4SLC-3 ?
73 de Dan

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 Apr 2000 11:21:43 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-75779-2000.04.06-10.22.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SUNSAT APRS Success! (Still not for public release...)

During the 38 deg East pass over Maryland (satellite over the Atlantic),
at 1222z on 5 APR 2000, we captured 86 APRS packets during 11 minutes
demonstrating Mobile/Handheld Satellite message capability! We used 4
stations:

PKTS	STATION
86	OSCAR Array with Preamps and high gain antennas (manual trk/tune)
92	THD7 with 20" whip over groundplane (auto tune with APRStk)
*9	THD7 with stock rubber duck on table (no tune. Set on center freq)
*3	MOBILE D700 with 5/8 2m whip on "plastic van roof"

Of the 86 packets received, 45 were SUNSAT TLM, 15 were SUNSAT STATUS,
12 were 4 BULLETINS, 11 pkts from WB3ANQ-9 and 3 pkts from W3ADO.

First, notice that the THD7 with STOCK rubber duck sitting on a table
captured ALL 9 of the Bulletins and Messages. THus clearly demonstrating
handheld Satellite communications. Even unattended. If you are in the
wilderness, just set it in the clear and come back for your messages
later!

Second, Notice that the THD7 with 3/4 wave 20" whip and autotune captured
as much or more than the OSCAR array even though its performance on
the horizon is less. This was probably due to the autotuning and
the fact that I was trying to run 4 systems and was not doing as
good a job of manual tuning and tracking of the OSCAR array.

Third. Notice how high gain antennas are a liability (if the signal is
strong enough to hear on an OMNI). Becuase they MUST be tracked or will
miss data.

PASS-TWO: On the next pass (Only 17 degrees to the west over western
USA), Murphy's law ruled. A bureaucrat came into the lab and wanted to
re-boot all PC's to find out their licenses. By the time that was over,
the pass was well in progress. The HT was not outside. It takes 3
minutes round trip to get the HT outside on the west side of the building
and so the OSCAR station was not tracking or tuning. The MOBILE was still
parked on the east side of the building! Etc.. We did see 49 packets
including N5ZNL, W5ACM, WB3ANQ, KE4SLC.

CONCLUSION!

1) Message delivery TO a stock 9600 baud HT with rubber duck works well
and demonstrates a GREAT steap forward in Amateur Satellite
Communications.

2) High gain antennas are a liability. Their only advantage is for
elevation angles below about 10 degrees, but require roof mounting to see
the horizon etc... (Fixed station communications is not the objective
here.)

3) The 20" (3/4 wave receive and 1/4 wave XMT) whip over a ground plane
still seems to be an ideal MOBILE or FIxed station antenna. For SUNSAT it
will receive all data when the satellite is above about 10 degrees.

LESSONS:

* The mobile 2m 5/8 wave whip on a mostly plastic VAN roof does poorly on
435 MHz receive!

* The "unatteneded" Mobile D700 without a PC, can either SEND messages or

RECEIVE, but not both. If receiver is on satellite frequency, then DCD never clears to allow transmit. Or if you QSY to allow transmit, you wont receive. The fix is either to MAN the radio to do very brief 1 sec QSY's every minute or so to let it transmit, or to use a LAPTOP (FULL DUPLEX works in TNC PACKET mode).

* Since the Kenwood HT and Mobile only have a 16 deep MESSAGE memory, these operators will either need to read quickly, or make choices. THey can choose to WILDCARD messages and thus see all traffic to/from everyone. Or choose smaller MESSAGE GROUPS. In either case, BULLETINS should be minimized since all stations will capture these.

* OR BULLETINS should be sent to BULLETIN GROUPS. THis way the radio can filter out by BULLETIN also. THus the user can ignore the SUNSAT bulletins, or look for only BLN#AMSAT bulletins, etc...

RECOMMENDATIONS:

1) Rather than 66 samples every 10 seconds of telemetry that is changing very little, a more complex algorithm could cycle through a whole orbit of samples taken at 3 minute intervals. If the time of sample #1 could be associated with the ascending node, then we would see samples 1 through 30 representing a whole orbit. During a 10 minute pass, we wouild see each telemetry value twice, thus improving our probability of receipt greatly. The result would be that everyone would see a whole orbit cycle of telemetry.

2) I told you that the format for bulletins was "BLN#_____". But that was using the underscore as a place-holder. Those 5 spaces should be the ASCII SPACE character if the bulletin is to be a general bulletin to all stations. With the underscore, it implies a Bulletin to the BULLLETIN GROUP of "_____". It will be better to choose a BULLETIN GROUP (5 chars max) for the SUNSAT BULLETINS so that in the future, stations can be selective about what they want their radio to capture...

Maybe "BLN#SO-35"...

THANKS FOR THE TEST!

de WB4APR, Bob

CAVEAT: (Existing THD7's need a PC to work packet at 9600 baud, since internally in APRS mode, it goes to 1200 baud. ALso it cannot operate crossband with the TNC, so it can either SEND or RECEIVE but not both. NOTICE the operative word here is "existing"...

IF (when?) a new model becomes available, then shirt pocket two-way satellite communications for amateur radio will be a reality!

END OF NON-PUBLIC TEST results.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: PETEAMAR@aol.com
Date: Thu, 6 Apr 2000 19:32:24 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75865-2000.04.06-18.33.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob and all from Pete, KD4SPW, in Ft. Pierce, Fl..

I thought the KW TH-D7A only operated APRS mode at 1200 baud.

I don't see any options for changing baud rate in the menu.

Can anyone set me straight.

Thanks from Pete, KD4SPW.

    Bob, WB4APR wrote:
< Message delivery TO a stock 9600 baud HT with rubber duck works well and demonstrates a GREAT steap forward in Amateur Satellite Communications. >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: Best price for a TMD700 ?

From: "Tom Clarke" <fclarke@erols.com>
Date: Thu, 6 Apr 2000 20:17:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75871-2000.04.06-19.17.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

$ 584.50 at a hamfest in Balto a week ago.

W4OKW
----- Original Message -----
From: <W4kkw@aol.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, April 05, 2000 9:24 PM
Subject: [htaprs] Re: Best price for a TMD700 ?

> In a message dated 04/05/2000 7:42:12 PM Eastern Daylight Time,
> PaulJ@minimed.com writes:
>
> << Hi,
>
>   Anyone find a good deal on the Kenwood TM-D700A? I think I'm gonna
> bite the bullet and get one.
>
> Paul
> WB6IWT >>
>
> I just paid 629.95 at Jun's Electronics last week (800)882-1343
>   73 Kevin W4KKW
>
> ---
> You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] Re: Best price for a TMD700 ?

From: "Rod Hart" <rwhart@home.com>
Date: Thu, 6 Apr 2000 21:41:00 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75884-2000.04.06-20.41.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I also got the $584 quote but decided to pay $16 more to support the local
ham shop.

Rod Hart

----- Original Message -----
From: "Tom Clarke" <fclarke@erols.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, April 06, 2000 8:17 PM
Subject: [htaprs] Re: Best price for a TMD700 ?

> $ 584.50 at a hamfest in Balto a week ago.
>
> W4OKW
> ----- Original Message -----
> From: <W4kkw@aol.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Wednesday, April 05, 2000 9:24 PM
> Subject: [htaprs] Re: Best price for a TMD700 ?
>
>
> > In a message dated 04/05/2000 7:42:12 PM Eastern Daylight Time,
> > PaulJ@minimed.com writes:

> >
> > << Hi,
> >
> >   Anyone find a good deal on the Kenwood TM-D700A? I think I'm gonna
> > bite the bullet and get one.
> >
> > Paul
> > WB6IWT >>
> >
> > I just paid 629.95 at Jun's Electronics last week (800)882-1343
> >   73 Kevin W4KKW
> >
> > ---
> > You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: rwhart@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] 9600 baud packet

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 7 Apr 2000 02:19:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75926-2000.04.07-02.20.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I thought the KW TH-D7A only operated APRS mode at 1200 baud.
>I don't see any options for changing baud rate in the menu.

posted to this sig on Date: Wed, 5 Apr 2000 15:21:05 -0700

Can anyone tell me if it is possible
to switch the TNC on the D7 from 1200 to 9600b
and vice-versa from the keypad.

I'm trying to get mine to decode APRS at 9600b,
and 1200b when in the field without a PC available.

The same day Bob Bruninga said :
No. Not today anyway... :-)

----

if you want to run APRS with a computer in 9600 baud mode then
you just need to add hbaud 9600 to the TNC setup list in the APRS program
and put the d7a in packet mode not APRS mode.

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] d700 SAT test setup

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 7 Apr 2000 02:35:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-75933-2000.04.07-02.36.49--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

It would save time getting the D700 setting correct for the next test if
we had access to an example save file from the beta
Kenwood TMD700a setup program.

ftp://216.98.255.24/SOFTWARE/TMD700A/MD700B1.EXE

This way we will need to just make a few personal changes.

73

--

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] RE: CE or Palm

From: "James Longley" <jlongley@attcanada.net>
Date: Fri, 7 Apr 2000 01:13:55 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75935-2000.04.07-03.17.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Who is TRG? This may be a very DUMB question but I can't figure out the
answer. I tried the obvious www.trg.com and got a site ethat has yet to be
setup.

Thanks in advance Paul, James (VE7JMS)

P.S. I'm a very happy PALM III user for over 6 months but have found the
memory limitation to be a bit of a problem once in a while. I love to use it
to read Email and also storing common WEB pages AVANTGO really net program
fro the PALM

> I have a Palm III but upgraded it. TRG sells a 2M ROM/8M Flash card
>for it. Now I can store lots of maps in it.
>
>Paul
>WB6IWT
>
>---
>You are currently subscribed to htaprs as: ve7jms@rac.ca
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] RE: CE or Palm

From: "Jon Brazelton" <n4vrn@earthlink.net>
Date: Fri, 7 Apr 2000 08:28:31 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75962-2000.04.07-10.25.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The site is http://www.trgnet.com ... not very logical, and took me some
searching to find it.

The product you are looking for is the SuperPilot II XL. It upgrades the
PalmIII to 8Meg of RAM and 2Meg of FlashRAM. From what I understand, the
2Meg FlashRAM can be used for storage, but you have to move the application
out into the 8Meg area to actually use it ... sort of like off-line
storage. They include software to do this.

I'm planning on ordering one of these just as soon as my IRS check comes ...
one map for APRS is crazy, so the 8Meg should allow me to load all the ones
for the area.

73 de N4VRN
Jon

-----Original Message-----
From: bounce-htaprs-15993@lists.tapr.org
[mailto:bounce-htaprs-15993@lists.tapr.org]On Behalf Of James Longley
Sent: Friday, April 07, 2000 1:14 AM
To: TAPR Hot Technology APRS
Cc: TAPR HT APRS Special Interest Group
Subject: [htaprs] RE: CE or Palm

Who is TRG? This may be a very DUMB question but I can't figure out the
answer. I tried the obvious www.trg.com and got a site ethat has yet to be
setup.

Thanks in advance Paul, James (VE7JMS)

P.S. I'm a very happy PALM III user for over 6 months but have found the
memory limitation to be a bit of a problem once in a while. I love to use it
to read Email and also storing common WEB pages AVANTGO really net program
fro the PALM

> I have a Palm III but upgraded it. TRG sells a 2M ROM/8M Flash card
>for it. Now I can store lots of maps in it.
>
>Paul
>WB6IWT
>
>---
>You are currently subscribed to htaprs as: ve7jms@rac.ca
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: n4vrn@earthlink.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Apr 2000 12:18:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-75973-2000.04.07-11.19.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 6 Apr 2000 PETEAMAR@aol.com wrote:

> I thought the KW TH-D7A only operated APRS mode at 1200 baud.
> I don't see any options for changing baud rate in the menu.

True. I'm having to be careful about what I say... <grin>. The "current"
THD7 is as you describe. But if you hook a laptop up to it, then just send
it the command HB 9600 and operate APRS that way. If you look closely at
my writing's on this subject, I try to always make the distinction between
the "current" THD7 and the "future potential" for shirt pocket amateur
satellite text messaging...

I think this will all become very clear in the near future...

If you konw what I mean...

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Re: CE or Palm

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Fri, 7 Apr 2000 14:11:39 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-75991-2000.04.07-13.12.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

:I'm looking for opinions.
:
:I'm at a fork in the road, deciding whether to go to the Windows CE camp or
:the Palm camp. I want a handheld device to use primarily for 1.) mobile
:APRS use and 2.) e-mail processing via modem. With the recent introduction
:of APRS/CE and of color Palms, it looks like I can go either direction.
:
:Anyone have any personnal experience or recommendations?

Disclaimer: Since I am responsible (for better or worse) for APRS/CE - I'm always on the lookout for CE bargains... if you're not, hit delete.

I found what I believe to be a bargain. CompUSA has the Compaq Aero 1520 for $199! I saw the same unit in Staples a week ago for $299.

Some highlights:

16-Megs - plenty of room for APRS/CE and pocketAPRS or Win/MacAPRS maps, tons of room for dosAPRS maps.

Excellent LCD, best grayscale I've seen - reminds me of the Palm V or the newer III's - the backlighting causes the screen to look "reverse", so the built-in software has an option to reverse the screen (so it looks normal) when the backlight comes on. Screen resolution is the standard PSPC size of 240x320. Nice anti-glare coating - some of the other PSPC's I've owned could easily double as nice shaving mirrors. :-)

Battery life is great so far - on its first charge it lasted for 8 hours with an active Ethernet connection (CF 'net card). It still has about 50% charge left! (I know, Palm users are snickering, but this is pretty good considering what's "under the hood".) BTW, you can buy an extra battery and switch them out in about 5 seconds.

It's *thin* (7/16" or about 1cm) and light - about the size of a Palm III.

You can buy a cigarette-lighter adapter from Compaq for it. You can also buy a short (1 foot) cord that plugs into unit's serial port and ends in a DB-9M, so you don't have to hassle with two long cords and/or gender-benders. (Don't know how much these items cost yet.)

It's non-APRS related, but it's got a headphone jack and can play MP3's. (Haven't played with that yet, I've only had it about 24 hours.) It comes with a full copy of Outlook 2000, not Outlook Express, and ActiveSync 3.0.

Finally, yes, APRS/CE loaded and ran just fine. Performance is a bit below my color E-100, but not annoyingly so. (133MHz vs. 70MHz - $399 vs. $199 - you choose. ;-)

No, I don't work for Compaq... I just think it's a good deal, especially if you're looking for a platform on which to run APRS/CE. It seems that, finally - perhaps before it's too late - the CE device manufacturers are figuring out that there are more people willing to shell out $199 for a good, not-too-stripped-down PDA than there are people willing to shell out $599 for the latest and greatest color superwhizbang PDA. I have both, but it's not a difficult task to guess which one will be accompanying me day-to-day.

-Rob
KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 07 Apr 2000 13:02:47 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76001-2000.04.07-14.03.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

> I think this will all become very clear in the near future...
>
> If you konw what I mean...

Winks and nudges are generally considered to be violations of NDA's. ;-)

Well, on that topic, I'd like to volunteer some features that a D7A-II would be very blessed to have.

1) Much more configurable. Lots of functions the D7A performs I don't have a choice about. I'd like to be able to selectively turn the following on or off:

-Full screen display of new APRS data (ON/OFF) This would get rid of the keystroke robbing APRS posits.
-Beep on Mine (ON/OFF)
-Beep on Message (ON/OFF)
-Beep on Other (ON/OFF)
-Beep on Duplicate (ON/OFF)
-Beep on Key (ON/OFF)
-APRS baud (1200/9600)
-APRS while PACKET (ON/OFF) Is there a reason why the TNC can't do both at the same time?
-Posit default to Last NMEA Posit (ON/OFF) Battery goes dead while off the GPS -> posit is lost. Happens to me every day. It's annoying to have to remember to ALWAYS press POS, OK, OK before leaving the car.

3) APRS full duplex.

4) APRS cross band.

5) KISS mode transmit

6) Put the characters in the right order when using alpha entry. (abc2ABC, not ABCabc2) Entering numerals is a pain, and for me the most common characters are numeric.

7) Support for a wholly new APRS format: Repeater Posit. Include Lat, Lon, Frequency, Offset, Tone, PHG etc. Include features to allow a repeater to be tuned automatically by selecting its posit from the list. Also include a "repeater search" feature that tries to tune in posit-tx'ing repeaters based on distance and PHG. Anyone whose visited WA5IHL's wonderful New-Mexico mega-link can tell you... this would be a big benefit. (Those repeaters all appear to have adjacent APRS digi's, which give posits)

8) Support for weather stations through the PC serial port.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 07 Apr 2000 13:12:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76006-2000.04.07-14.13.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian Badger wrote:

> -Posit default to Last NMEA Posit (ON/OFF) Battery goes dead while off the
> GPS -> posit is lost. Happens to me every day. It's annoying to have to
> remember to ALWAYS press POS, OK, OK before leaving the car.

Actually, I recall now, that it's worse than this:

Get out of car: POS, OK, OK, MENU, 2, 2, UP, OK. (Hope a new APRS packet doesn't come in and steal your keystrokes)
Get into car: MENU, 2, 2, UP, OK. (Hope a new APRS packet doesn't steal your keystrokes)

My girlfriend always gives me this look whenever I pop open the center console and poke 8 (or possibly much worse, if APRS data is coming in) keystrokes before I can shut the engine down. I feel like a fool doing it.

--
Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: John Rauch <john_rauch@email.com>
Date: Fri, 07 Apr 2000 15:15:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76007-2000.04.07-14.22.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No, she is not looking at you as a "fool", only a lovable "techno nerd" :-)

"The Second Admendment guarantees all the rest!"
"It 'tant 'bout duck hunt'in"

_____
John Rauch, Control Operator for
Amateur Radio Station N4JHR
c/o 1450 West Lake Brantley Road
Longwood, Florida 32779-4766
(407)869-1450, (407)869-6658 Fax
n4jhr@email.com
Lat. N28 41.128, Lon. W081 26.155

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 7 Apr 2000 15:34:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76009-2000.04.07-14.34.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How about updating the position display while not in APRS mode? The D700
doesn't even let you get to the position screen unless you are in APRS mode.
The D7 lets you get to the screen, but it doesn't update. Since my tripmate
has no display, this is very inconvenient!

It would be nice if both radios sent the APRS packets out to the PC serial
port for logging and displaying when in APRS mode. Neither do this.

Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Brian Badger
Sent: Friday, April 07, 2000 3:03 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

Bob Bruninga wrote:

> I think this will all become very clear in the near future...
>
> If you konw what I mean...

Winks and nudges are generally considered to be violations of NDA's. ;-)

Well, on that topic, I'd like to volunteer some features that a D7A-II would
be very blessed to have.

1) Much more configurable. Lots of functions the D7A performs I don't have
a
choice about. I'd like to be able to selectively turn the following on or
off:

-Full screen display of new APRS data (ON/OFF) This would get rid of the
keystroke robbing APRS posits.
-Beep on Mine (ON/OFF)
-Beep on Message (ON/OFF)

-Beep on Other (ON/OFF)
-Beep on Duplicate (ON/OFF)
-Beep on Key (ON/OFF)
-APRS baud (1200/9600)
-APRS while PACKET (ON/OFF) Is there a reason why the TNC can't do both at
the same time?
-Posit default to Last NMEA Posit (ON/OFF) Battery goes dead while off the
GPS -> posit is lost. Happens to me every day. It's annoying to have to
remember to ALWAYS press POS, OK, OK before leaving the car.

3) APRS full duplex.

4) APRS cross band.

5) KISS mode transmit

6) Put the characters in the right order when using alpha entry. (abc2ABC,
not ABCabc2) Entering numerals is a pain, and for me the most common
characters are numeric.

7) Support for a wholly new APRS format: Repeater Posit. Include Lat, Lon,
Frequency, Offset, Tone, PHG etc. Include features to allow a repeater to
be
tuned automatically by selecting its posit from the list. Also include a
"repeater search" feature that tries to tune in posit-tx'ing repeaters based
on distance and PHG.   Anyone whose visited WA5IHL's wonderful New-Mexico
mega-link can tell you... this would be a big benefit. (Those repeaters all
appear to have adjacent APRS digi's, which give posits)

8) Support for weather stations through the PC serial port.

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 07 Apr 2000 14:28:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76024-2000.04.07-15.29.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian Badger wrote:

> 6) Put the characters in the right order when using alpha entry. (abc2ABC,
> not ABCabc2) Entering numerals is a pain, and for me the most common
> characters are numeric.

You know, while I'm complaining, it would be nice to be able to pick between
abc2ABC and 2abcABC from the menu.

My most common status text or APRS message is of the form: "MON 146.97"

With the current setup, this simple message is 46 keystrokes.
With abc2ABC, "mon 146.97" would be 31 keystrokes.
With 2abcABC, "mon 146.97" would be only 19 keystrokes.

That difference is HUGE.

anyway, new idea
9) Optional automatic status text generation. Allow transmission of current
"other band" tuning settings as status text. This would allow people to find
which repeater you are on. "Mon 146.970-, tone 100.0" would be a huge help in
making voice contacts.
--
Brian.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Apr 2000 16:31:05 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-76025-2000.04.07-15.31.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nice list!

Bob

On Fri, 7 Apr 2000, Brian Badger wrote:

> Bob Bruninga wrote:
>
> > I think this will all become very clear in the near future...
> >
> > If you konw what I mean...
>
> Winks and nudges are generally considered to be violations of NDA's. ;-)
>
> Well, on that topic, I'd like to volunteer some features that a D7A-II would
> be very blessed to have.
>
> 1) Much more configurable. Lots of functions the D7A performs I don't have a
> choice about. I'd like to be able to selectively turn the following on or
> off:
>
> -Full screen display of new APRS data (ON/OFF) This would get rid of the
> keystroke robbing APRS posits.
> -Beep on Mine (ON/OFF)
> -Beep on Message (ON/OFF)
> -Beep on Other (ON/OFF)
> -Beep on Duplicate (ON/OFF)
> -Beep on Key (ON/OFF)
> -APRS baud (1200/9600)
> -APRS while PACKET (ON/OFF) Is there a reason why the TNC can't do both at
> the same time?
> -Posit default to Last NMEA Posit (ON/OFF) Battery goes dead while off the
> GPS -> posit is lost. Happens to me every day. It's annoying to have to
> remember to ALWAYS press POS, OK, OK before leaving the car.
>
> 3) APRS full duplex.
>
> 4) APRS cross band.
>
> 5) KISS mode transmit
>
> 6) Put the characters in the right order when using alpha entry. (abc2ABC,
> not ABCabc2) Entering numerals is a pain, and for me the most common
> characters are numeric.
>
> 7) Support for a wholly new APRS format: Repeater Posit. Include Lat, Lon,
> Frequency, Offset, Tone, PHG etc. Include features to allow a repeater to be
> tuned automatically by selecting its posit from the list. Also include a
> "repeater search" feature that tries to tune in posit-tx'ing repeaters based
> on distance and PHG.   Anyone whose visited WA5IHL's wonderful New-Mexico
> mega-link can tell you... this would be a big benefit. (Those repeaters all
> appear to have adjacent APRS digi's, which give posits)
>
> 8) Support for weather stations through the PC serial port.
>
>
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Apr 2000 16:32:55 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76026-2000.04.07-15.34.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Apr 2000, Brian Badger wrote:

> > I think this will all become very clear in the near future...
>
> Winks and nudges are generally considered to be violations of NDA's. ;-)

The truth is, I dont know any more than anyone else, but I am hoping...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Apr 2000 16:37:52 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76027-2000.04.07-15.39.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Apr 2000, Richard Carter wrote:

> It would be nice if both radios sent the APRS packets out to the PC serial
> port for logging and displaying when in APRS mode. Neither do this.

The D&00 can do this I am pretty sure. But the command excapes me at the
moment..

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] APRStk Time Zone Setting

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Fri, 7 Apr 2000 17:28:30
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76037-2000.04.07-17.28.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am a newbie still exploring APRStk. So far, I have found
a few niggling problems that I have managed to overcome by
intensive reading of help files, experimentation or just plain
serendipity.

There are a few that I would like to see if anyone has any
suggestions. I am using a D700 and version 10 of APRStk.

One of my problems is using the P-List Satellite entries to
determine when the next pass is coming up by the specified "W"
key. It works on the first try, but will not work again afterward.

The second problem was why I was not copying any sats. I finally
solved that one by downloading sat schedules from other web
sites and comparing them to the graphic indicator on the bottom
of the screen. They all appeared to be one hour off. Changing
the DST didn't make any difference, but when I did the ALT-S, Other,
Zone and changed it to EST, everything began to work. However,
I am in the Central zone and the timestamp shows everything as
an hour earlier than local time. The graphic indicators are
proper, however, and I have been copying some transmissions. Any

suggestions on this?

I have copied some transmissions as indicating "USAT5". Is this
an alias for one of the other sats in the P-List?

These seem to be the main 'niggles' at the moment....

Fred K8VDU
New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Christopher McNabb <cmcnabb@4mcnabb.net>
Date: Fri, 7 Apr 2000 21:18:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76059-2000.04.07-20.20.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Apr 2000, Brian Badger wrote:

>
> anyway, new idea
> 9) Optional automatic status text generation. Allow transmission of current
> "other band" tuning settings as status text. This would allow people to find
> which repeater you are on. "Mon 146.970-, tone 100.0" would be a huge help in
> making voice contacts.
> --
> Brian.
>
And here is my 'new idea':
Provide the option of setting the D7's Position to the position of the
first digipeater it hears repeating its own signal. Or, I suppose the
digi's could be set to replace a null position with their own. This would
at least give an approximate location for everybody.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: David VanHorn <dvanhorn@cedar.net>
Date: Fri, 07 Apr 2000 20:28:08 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76061-2000.04.07-20.36.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

>And here is my 'new idea':
>Provide the option of setting the D7's Position to the position of the
>first digipeater it hears repeating its own signal. Or, I suppose the
>digi's could be set to replace a null position with their own. This would
>at least give an approximate location for everybody.

I had discussed this as a "follow me" feature, where the operator could
select any station in the list, and the D7 would update it's position from
the selected station. That way a D7 in a mobile goes with the mobile.

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOO6nSIFlGDz1l6VWEQLw7gCg5Co66eGCFuxExRK4AlxTEmmemKsAn3VT
ZD7/LwqcqI3oUuuoca2WKWt+
=L95d
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Please make the subject the correct subject

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 8 Apr 2000 00:41:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76090-2000.04.08-00.41.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think we have had 10+ posting on
Re: [aprssat] Re: Sunsat SUCCESS!
that were not about Sunsat

Please take the time to select a good correct subject line.

This list is archived and a good subject line makes
future searching easier.

I know it might be hard to believe but not everyone reads
each message and your posting may get overlooked and go unread.

73

--

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] Re: CE or Palm

From: "Andrew Witham W1SAR" <w1sar@searcher.org>
Date: Fri, 7 Apr 2000 23:23:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76093-2000.04.08-01.25.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I found what I believe to be a bargain. CompUSA has the Compaq Aero 1520
> for $199! I saw the same unit in Staples a week ago for $299.

Sadly now $279.00 at CompUSA and backordered 7 - 10 days!

__
Drew
Andrew Witham W1SAR
Searcher Communications
http://www.searcher.org/ham.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] Another D7A belly up

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Sat, 8 Apr 2000 07:57:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76115-2000.04.08-07.58.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello again. The 2 meter transmit has again gone out in my D7A. 4th time
with 3 different rigs. Save your breath about poor antennas, coax, SMA
adapters. I made a special effort to monitor
SWR levels, power outputs, heat build ups, and the current phase of the moon
and outer planets, and it still died. It Doesn't seem to be able to handle
transmitting in a vehicle every minute, for more than 10 hours a day, four
days a week. This is my work schedule, and the rig again failed, in about
the same amount of time at this duty cycle.

I guess I'm being paid back for the last 25 years of having no major
problems with any gear that I have bought.

Flip Minton N9AZZ
fminton@midwest.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 8 Apr 2000 09:21:54 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76118-2000.04.08-08.22.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Apr 2000, Christopher McNabb had a ... 'new idea':

> Provide the option of setting the D7's Position to the position of the
> first digipeater it hears repeating its own signal. Or, I suppose the
> digi's could be set to replace a null position with their own. This would
> at least give an approximate location for everybody.

This is built into APRSdos.
If anyone transmits a packet without a position or with a 0000/0000
position, then APRSdos will automatically place you on the map within a
mile of the nearest digpeater. Your ICON will be a biq QUESTION mark,
indicating that it is a "vicinity" plot.

Thus, people at least know what area you are in and what path to use to
reach you. This only works if your first HOP in your PATH is RELAY, or
WIDE, or TRACE. It does not work if you only use WIDEn-N.

That is why we suggest a path of XXXX,WIDEn-N in the WIDEn-N areas where
XXXX is one of the three generic paths above..

de WB4APR

For your info, APRSdos will also allow any THD7 user to indicate position
ambiguity of one mile too. If you enter your manual position with .00/.00
for the decimal portion of your LAT/LONG then APRSdos will plot you at
that location but mark you with a 1 mile ambiguity circle...

This is a great way to indicate your approximate position in the
area of WORK, or SCHOOL, or HOME, or a HAMFEST, etc without having
to carry around a GPS all day...

The D700 has Position Abiguity built in, so this .00/.00 trick is only
needed in the THD7...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 8 Apr 2000 09:35:56 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76122-2000.04.08-08.43.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >And here is my 'new idea':
> >Provide the option of setting the D7's Position to the position of the
> >first digipeater it hears repeating its own signal. ...
>
Dave Van Horn discussed this as a "follow me" feature, where the operator
> could select any station in the list, and the D7 would update it's
> position from the selected station. That way a D7 in a mobile goes with
> the mobile.

Its in there! APRSdos will plot you that way if you just make the first
hop in the D7's path be RELAY, and set GPS-NMEA ON (but with no GPS
connected). This way, all APRSdos stations will plot you in the vicinity
of your CAR, your HOUSE, or your WORK, or wherever your D7 finds a
RELAY... without having to lug around a GPS everywhere...

By setting the D7 to GPS-NMEA on without a GPS, then it transmits a
000/000 posit which APRSdos will then try to vicinity plot. OH, this only
works if your CAR, HOME or other RELAY digipeater is a D700, or KPC-3 or
Paccomm TNC with callsign substitution...

If not, then you must enter the actual CALL of the station you want to be
plotted in the "vicinity of" as the first hop in y our path.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: APRStk Time Zone Setting

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 8 Apr 2000 09:45:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76123-2000.04.08-08.49.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Apr 2000, Fred Hatfield wrote:

> I am a newbie still exploring APRStk.
> One of my problems is using the P-List Satellite entries to
> determine when the next pass is coming up by the specified "W"
> key. It works on the first try, but will not work again afterward.

THANKS! Looks like a bug. Ill fix it. Easier way is to just hit the N
key to see the graphical...
>
> The second problem was why I was not copying any sats....
> of the screen. They all appeared to be one hour off. Changing
> the DST didn't make any difference, but when I did the ALT-S, Other,
> Zone and changed it to EST, everything began to work.

THANKS! Maybe a bug! I never noticed this. Ill check.

> I have copied some transmissions as indicating "USAT5". Is this
> an alias for one of the other sats in the P-List?

That is the PACKET call for UO22. All of the satellites have a packet
call that is different from their name.... except SUNSAT...

Thanks for the feedback...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Re: [aprssig] Re: Satellite Posts On Screen

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 08 Apr 2000 15:15:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76174-2000.04.08-14.16.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 4/8/00 9:58 AM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> As long as someone in your area is running APRStk (A modified version of
> APRSdos) and has marked the 4to 7 satellites that are workable from an FM
> rig as LOCAL OBJECTS, then you will see them on 144.39 in your area.

 OK ... what did _I_ miss? According to some APRS mail I got from a "KC0"
call my MIR object was making it through the Montreal IGate. How do I make
it a "LOCAL" object???

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"Money can't buy love. But it CAN rent a very close imitation."
   -- from somewhere on the Net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Re: Another D7A belly up

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 08 Apr 2000 15:25:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76175-2000.04.08-14.25.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 4/8/00 8:57 AM, Richard "Flip" Minton at fminton@midwest.net wrote:

> Hello again. The 2 meter transmit has again gone out in my D7A. 4th time
> with 3 different rigs. Save your breath about poor antennas, coax, SMA
> adapters. I made a special effort to monitor
> SWR levels, power outputs, heat build ups, and the current phase of the moon
> and outer planets, and it still died. It Doesn't seem to be able to handle
> transmitting in a vehicle every minute, for more than 10 hours a day, four
> days a week. This is my work schedule, and the rig again failed, in about
> the same amount of time at this duty cycle.

 No talkie really is made to do this. A talkie is a man portable item,
carried upon the well shock absorbed human chassis. Man gets overheated
quicker than talkie so it generally doesn't break in that kind of service.
My D7 did not fail but it sure got beat up when I was doing what you are
doing and it would occasionally act strangely.

Now that I have the D700 and my D7 sits on my desk at at school or my belt
working much of the day on receive and some transmission on EL power to the
D700 digi-ing in the parking lot, IT IS A VASTLY HAPPIER CAMPER!

  The only ham talkie I have seen that could really take a beating was the
Icom IC2AT/3AT/4AT series and they seem to have a tendency to go deaf over
time.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  If Clinton is the answer, it was a stupid question.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] Re: [aprssig] Re: Satellite Posts On Screen

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 8 Apr 2000 15:26:36 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76176-2000.04.08-14.27.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 8 Apr 2000, Brian B. Riley wrote:

> > As long as someone in your area is running APRStk (A modified version of
> > APRSdos) and has marked the 4to 7 satellites that are workable from an FM
> > rig as LOCAL OBJECTS, then you will see them on 144.39 in your area.
>
> OK ... what did _I_ miss? According to some APRS mail I got from a "KC0"
> call my MIR object was making it through the Montreal IGate. How do I make
> it a "LOCAL" object???

Local in the sense of RF. But rememebr, everything in the world arrives
in APRServe...
bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] SMA to mini UHF

From: "BobD" <BobD@virtualconst.com>
Date: Sat, 8 Apr 2000 15:49:03 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76180-2000.04.08-14.41.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone know a source for a connector/adapter to go from the D7's SMA to mini UHF Female? I got rid of my little mag mount antenna that I was using with the D7 and installed a Comet mount that has a mini UHF on the end of the cable and a mini UHF to PL-259 adapter. I'd like to dump the PL-259 and go straight to SMA (or BNC at least).

```
                |       '95 AM General Hummer
                |
    |           |
   _|___________|_
  |  /    |   /   |     Bob Derderian, N2IPH
[]|_______|_______|[]   PO BOX 551
 \/_____|=====|____\/    Bridgeton, NJ 08302
  [._\0|||||||0/_.]     (856) 455-7581
  |X|$\_U___U_/$|X|     http://www.qsl.net/n2iph
  [X]           [X]     mailto:n2iph@qsl.net
  [X]           [X]     144.390S / 146.520S / 52.525S
^v^v^v^v^v^v^v^v^v^v^v^v
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] DX Lists in Kenwood radios

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 8 Apr 2000 15:45:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76183-2000.04.08-14.47.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Many of you may not have used your kenwood on a DX cluster frequency. But if you do tune one in, you will see DX spots on the radio's DX LIST. APRSdos has had the capability of posting items to these lists as well. For that purpose, I call the format an APRS RESOURCE. And I defined the fields sort of based on the way they are displayed on the THD7 and D700 as follows:

```
       +--------------+     +---------------+
       | Dx:RESOURCE  |     | Dx:RESOUIRCE  |
       | FIELD-ONE    |     |    FIELD-TWO  |
       |       FORTH  |     |    FIELD-3333 |
       +--------------+     +---------------+
```

And on the D700 as:

```
                            +----------------------------+
                            | 1:RESOURCE           FORTH |
                            |             FIELD-ONE      |
                            |   FIELD-TWO FIELD          |
                            |   -3333                    |
                            +----------------------------+
```

Currently, the only use I have found for this LIST in the radios is for sending SATELLITE schedules to the mobile THD7 and D700. These appear as:

```
       +--------------+     +---------------+
       | Dx:UO22@1435 |     | Dx:UO22@1435  |
       | UO14@1443    |     |    KO25@1455  |
       |              |     |    SO35@1510  |
       +--------------+     +---------------+
```

And on the D700 as:

```
                            +----------------------------+
                            | 1:UO22@1435                |
                            |             UO14@1443      |
                            |   KO25@1455 SO35@          |
                            |   1510                     |
                            +----------------------------+
```

Thus, you will receive an alert for up to 4 satellites using this format. ALso note that these DX-CLUSTER memories in the D7 and D700 are volitile and so are cleared whenever the radio is turned off. I do the same in APRSdos. DX spots and APRS RESOURCES are temporal. They are posted when

they are needed and are not assumed to be retained...

So, if someone in yoru area is using APRStk to post the workable FM
satellites in your area, then check out your radio's DX list for a
schedule of when to expect them...

 de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] APRStk ver K11

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 8 Apr 2000 16:20:25 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76190-2000.04.08-15.21.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This K11 version of APRStk fixes three things that impacts the
transmission of Satellites as OBJECTS to other users of the THD7 and D700:

  1) It fixes the alt-SETUP-OTHER-DST so that it works for Daylight
      Savings time. The workaround was to change your time zone by -1.
      Now you can leave your time zone the same and just toggle on and off
      the DST twice a year.

  2) It fixes the P-LIST-WHEN command so that it works more than once.

  3) It changes the KILLed object timing for satellits below the horizon
      so that these are transmitted much less frequently when out of view.

Thanks for the bug reports. This is posted as a new astk-exe.zip as
follows:

    ftp://tapr.org/aprssig/dosstuff/APRSdos/astk-exe.zip

It contains all the support files needed to make it run within your
existing APRSdos environment. I will NOT have time to update the full
stand-alone 1.2 MEG APRStk.ZIP file today. Kids birthday... But all you
need is in the astk-exe.zip if you already use APRSdos... And of course
it always includes the latest KEPS...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Citadel Computer Online in APRSTk - Now!

From: "Brian B. Riley" <brianbr@wulfden.org>
Date: Sat, 08 Apr 2000 18:11:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76206-2000.04.08-17.12.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I took the computer from Scott that had the cracked screen awaiting
replacement and used INTERLN/INTERSVR to put Laplink3 and Iomega Guest onto
the 486/25. I then used combos of LapLink and my Parallel Port Zip Drive
other stuff to move the APRS846 off and APRSTk vK10 on, It is up and running
and noticeably faster than the old 386sx/20MHz was ... Been up and running
for couple of hours and looks good save for the damaged screen. The screen
redraws are a whole lot faster!!!!!!

The closest thing I have to a complaint is that there are very few 'shades'
of electro-yellow, so some of Bob's hilighting is lost so some things in
APRSTk don't show up so well. I am gonna make another ZipLan connector
tonite so I will be able to see stuff on another computer.

Later I will be putting APRSTCH on the 486/50 and see how that runs.

Funny, the FlashROM on the 486/25 appears to be 3 MB not 2 MB.

At the risk of repeating myself ... great work! Scott; These computers are
wonderful! Who said DOS was dead???? (says the diehard Mac-head! <grin>)

```
 73 de brian, ka2bqe
--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys  <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "The 2nd amendment guarantees all the rest."



---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

69. [htaprs] Re: Citadel Computer Online in APRSTk - Now!

```
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 8 Apr 2000 22:54:31 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: APRS <aprssig@lists.tapr.org>,
        HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        Scott-KC5JGV <kc5jgv@bobcats2.oursc.k12.ar.us>
Message-ID: <LYR845-76240-2000.04.08-21.55.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
On Sat, 8 Apr 2000, Brian B. Riley wrote about the Touch Screen PC's:

> The closest thing I have to a complaint is that there are very few 'shades'
> of electro-yellow, so some of Bob's hilighting is lost so some things in
> APRSTk don't show up so well.

I have a ndw APRStch ready to go that adds the MAPS-PLOTS and MAP-OVERLAY
menus as well as the OPS-REPLAY and other functions.  But I need to know
what is the MAPS-FEATURES-LABELS color that ggives the best "mid-tone"
color to the labels so that they show up at half brilliance, and I will
set that to the new default.  I left my CITADEL a the office, so I dont
have one here to test.  So you tell me what color 0-7 works.


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

70. [htaprs] Re: [aprssig] Re: Citadel Computer Online in APRSTk - Now!

```
From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 09 Apr 2000 00:48:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        Scott-KC5JGV <kc5jgv@bobcats2.oursc.k12.ar.us>
Message-ID: <LYR845-76260-2000.04.08-23.49.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
on 4/8/00 10:54 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> On Sat, 8 Apr 2000, Brian B. Riley wrote about the Touch Screen PC's:
>
>> The closest thing I have to a complaint is that there are very few 'shades'
>> of electro-yellow, so some of Bob's hilighting is lost so some things in
>> APRSTk don't show up so well.
>
> I have a ndw APRStch ready to go that adds the MAPS-PLOTS and MAP-OVERLAY
> menus as well as the OPS-REPLAY and other functions.  But I need to know
> what is the MAPS-FEATURES-LABELS color that ggives the best "mid-tone"
> color to the labels so that they show up at half brilliance, and I will
> set that to the new default.  I left my CITADEL a the office, so I dont
> have one here to test.  So you tell me what color 0-7 works.
>

  0 - bright
  1 - invisible
  2 - mid-range
  3 - mid-range
  4 - invisible
  5 - mid-range
  6 - bright
  7 - bright


 73 de brian, ka2bqe

--
```

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For my PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "...error reading WinOS. (A)bort, (R)etry, (M)acintosh?"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: Carl <carl_mail@dr.com>
Date: Sun, 09 Apr 2000 08:53:57 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, htaprs@lists.tapr.org
Message-ID: <LYR845-76303-2000.04.09-02.50.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a mature network this leaves it open for people to transmit their
position (or at least their operational status) without having to fuss
with GPSs and PCs - a TNC into a very low power TX would do it.

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: Another D7A belly up

From: Carl <carl_mail@dr.com>
Date: Sun, 09 Apr 2000 08:54:03 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-76304-2000.04.09-02.52.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> and outer planets, and it still died. It Doesn't seem to be able to handle
> transmitting in a vehicle every minute, for more than 10 hours a day, four
> days a week. This is my work schedule, and the rig again failed, in about
> the same amount of time at this duty cycle.

That is quite punishing when you think about it - the heat/cold effect of
several watts being pulsed. But it is disappointing I agree.

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] TMD700 Clock Question

From: "Ken Stonecipher" <kstone00@mtco.com>
Date: Sun, 9 Apr 2000 7:4:16
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76331-2000.04.09-07.04.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have just purchase a D700 and love it. I have a questions I need help
with. I thought the D700 would take its time from the Garmin III system
when connected. It appears that I do not have something set correctly.
How can I get my D700 to take the time from Garmin III.

Thank you in advance.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] TMD700 Mute Question

From: "Ken Stonecipher" <kstone00@mtco.com>
Date: Sun, 9 Apr 2000 7:4:55
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76333-2000.04.09-07.05.35--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I have just purchase a D700 and love it. I have a question regarding
mute.
I have APRS on the A side and 2 meters on the B side. When I try to mute
the A side (highlight the B side and press mute) as in the Kenwood manual,
it does not mute. I have to turn the volume down. What am I doing
incorrectly.

Thank you in advance.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Dead D7

From: jeff <jruhnke@urbancom.net>
Date: Sun, 09 Apr 2000 08:16:55 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76340-2000.04.09-08.16.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I guess its the time when the D7's will start failing.
>
>My D7 has stopped transiting 2 weeks ago. Receives is good, just loss
>transmit on Both bands. I use it while I am working, I drive a semi from
>Chgo to Coralville(Iowa City) and back weeknights. It was set to beacon
>every 5 minutes. The radio was bought new in Sept.
>
>
>>Subject: Another D7A belly up
>>From: "Richard \"Flip\" Minton" <fminton@midwest.net>
>>Date: Sat, 8 Apr 2000 07:57:55 -0500
>>X-Message-Number: 3
>>
>>
>>Hello again. The 2 meter transmit has again gone out in my D7A. 4th time
>>with 3 different rigs. Save your breath about poor antennas, coax, SMA
>>adapters. I made a special effort to monitor
>>SWR levels, power outputs, heat build ups, and the current phase of the moon
>>and outer planets, and it still died. It Doesn't seem to be able to handle
>>transmitting in a vehicle every minute, for more than 10 hours a day, four
>>days a week. This is my work schedule, and the rig again failed, in about
>>the same amount of time at this duty cycle.

Jeff Ruhnke
Owner Buttons By Jeff
http://users.urbancom.net/bbj

BJ Buttons Pic's at http://users.urbancom.net/jruhnke

Historian Good Bears of the World
Http://www.goodbearsoftheworld.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Re: CE or Palm

From: Joe Leitsch <joe@iglou.com>
Date: Sun, 09 Apr 2000 14:11:46 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76418-2000.04.09-13.12.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out this link to MicroWarehouse:

http://www2.warehouse.com/product.asp?dept%5Fid=3890&pf%5Fid=PDA1035&cat=micro

They are advertising them at $199.00.

You also might want look into the "travel pack" option. It is supposed to come
with a cigarette lighter power cord and extra serial cable.

Let me know how it works if you choose to get one.

Thanks,

Joe Leitsch, K4DMU (joe@iglou.com)

Andrew Witham W1SAR wrote:

> > I found what I believe to be a bargain. CompUSA has the Compaq Aero 1520
> > for $199! I saw the same unit in Staples a week ago for $299.
>
> Sadly now $279.00 at CompUSA and backordered 7 - 10 days!
>
> __
> Drew
> Andrew Witham W1SAR
> Searcher Communications
> http://www.searcher.org/ham.htm
>
> ---
> You are currently subscribed to htaprs as: joe@iglou.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: CE or Palm

From: "Gary U" <spoiler11@msn.com>
Date: Sun, 9 Apr 2000 18:49:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76462-2000.04.09-18.46.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Joe and everyone else

I recently bought a aero 1520 from Radio Shack they have to special order it
but the price is $199 as well. It didn't come with
car charger however. I am really happy with it I downloaded the winCE aprs
and it it runs really well but I don't have the cable
yet to hook it to my D7. I will probably order one from compaq next week.

Regards

Gary
  -----Original Message-----
  From: bounce-htaprs-15794@lists.tapr.org
[mailto:bounce-htaprs-15794@lists.tapr.org]On Behalf Of Joe Leitsch
  Sent: Sunday, April 09, 2000 1:12 PM
  To: TAPR Hot Technology APRS
  Cc: TAPR Hot Technology APRS
  Subject: [htaprs] Re: CE or Palm

  Check out this link to MicroWarehouse:

http://www2.warehouse.com/product.asp?dept%5Fid=3890&pf%5Fid=PDA1035&cat=mic
ro

  They are advertising them at $199.00.

  You also might want look into the "travel pack" option. It is supposed to
come with a cigarette lighter power cord and extra serial cable.

  Let me know how it works if you choose to get one.

  Thanks,
  Joe Leitsch, K4DMU (joe@iglou.com)

  Andrew Witham W1SAR wrote:

    > I found what I believe to be a bargain. CompUSA has the Compaq Aero
1520
    > for $199! I saw the same unit in Staples a week ago for $299.
    Sadly now $279.00 at CompUSA and backordered 7 - 10 days!

    __
    Drew
    Andrew Witham W1SAR
    Searcher Communications
    http://www.searcher.org/ham.htm

    You are currently subscribed to htaprs as: joe@iglou.com
    To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] RE: Dead D7

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 9 Apr 2000 20:38:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76472-2000.04.09-22.41.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am sure this is a mute point, but I will say it anyway.

Have you done a total reset of the microprocessor.

My radio hangs up on occasion but so far doing a complete reset has always
brought it back to life. Sometimes I even get away with just removing the
battery, waiting a few seconds and then reinstalling the battery.

Yes, it isn't right and yes, it is an inconvenience, however as long as I
can bring it back to life and it operates normally, I am satisfied. From my
limited knowledge of microprocessors, hang ups are the nature of the beast.

Just my two cents worth,

Herb
KB7UVC

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of jeff
> Sent: Sunday, April 09, 2000 5:17 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Dead D7
>
>
>
> >I guess its the time when the D7's will start failing.
> >
> >My D7 has stopped transiting 2 weeks ago. Receives is good, just loss
> >transmit on Both bands. I use it while I am working, I drive a semi from
> >Chgo to Coralville(Iowa City) and back weeknights. It was set to beacon
> >every 5 minutes. The radio was bought new in Sept.
> >
> >
> >>Subject: Another D7A belly up
> >>From: "Richard \"Flip\" Minton" <fminton@midwest.net>
> >>Date: Sat, 8 Apr 2000 07:57:55 -0500
> >>X-Message-Number: 3
> >>
> >>
> >>Hello again. The 2 meter transmit has again gone out in my D7A. 4th time
> >>with 3 different rigs. Save your breath about poor antennas, coax, SMA
> >>adapters. I made a special effort to monitor
> >>SWR levels, power outputs, heat build ups, and the current
> phase of the moon
> >>and outer planets, and it still died. It Doesn't seem to be
> able to handle
> >>transmitting in a vehicle every minute, for more than 10 hours
> a day, four
> >>days a week. This is my work schedule, and the rig again
> failed, in about
> >>the same amount of time at this duty cycle.
>
> Jeff Ruhnke
> Owner Buttons By Jeff
> http://users.urbancom.net/bbj
>
> BJ Buttons Pic's at http://users.urbancom.net/jruhnke
>
> Historian Good Bears of the World
> Http://www.goodbearsoftheworld.org
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] D7A w/ Citadel PC??

From: "Don Rankins" <n2zwo@hotmail.com>
Date: Mon, 10 Apr 2000 05:37:39 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76532-2000.04.10-07.38.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have Citadel PC working but it and the D7A HT do not talk to each other.
I've gone over the books on working the D7A with laptops and thought I had
everything setup OK but I guess not. Could someone give me a quick checklist
of settings which need to be. I'm stumped. I'm using COM1 and set at 1200
baud....cabling is OK. don n2zwo

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] Re: D7A w/ Citadel PC??

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 10 Apr 2000 09:03:17 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76539-2000.04.10-08.03.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 10 Apr 2000, Don Rankins wrote:

> I have Citadel PC working but it and the D7A HT do not talk to each other.
> I've gone over the books on working the D7A with laptops and thought I had
> everything setup OK but I guess not. Could someone give me a quick checklist
> of settings which need to be. I'm stumped. I'm using COM1 and set at 1200
> baud....cabling is OK. don n2zwo
k
THD7 only uses 9600 baud on the serial port.
bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Re: Please make the subject the correct subject

From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 10 Apr 2000 08:29:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76545-2000.04.10-08.30.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robert Winingham wrote:
>
> I think we have had 10+ posting on
> Re: [aprssat] Re: Sunsat SUCCESS!
> that were not about Sunsat
>
> Please take the time to select a good correct subject line.
>
> This list is archived and a good subject line makes
> future searching easier.
>
> I know it might be hard to believe but not everyone reads
> each message and your posting may get overlooked and go unread.
>
>

After a couple messages on Sunsat that were not of interest,
I just went thru and deleted about 30 of them without reading
them. I wonder if I missed anything??? I delete all the messages
that are not text or use non-standard fonts too. Oh well . . .

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Re: TMD700 Clock Question

From: "Tracy Melton" <tlmelton@bellsouth.net>
Date: Mon, 10 Apr 2000 08:58:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76552-2000.04.10-08.58.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Press Func (1 sec) then POS then TIME SET (it might be CLOCK SET)

----- Original Message -----
From: Ken Stonecipher <kstone00@mtco.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Sunday, April 09, 2000 12:00 AM
Subject: [htaprs] TMD700 Clock Question

> I have just purchase a D700 and love it. I have a questions I need help
> with. I thought the D700 would take its time from the Garmin III system
> when connected. It appears that I do not have something set correctly.
> How can I get my D700 to take the time from Garmin III.
>
> Thank you in advance.
>
> ---
> You are currently subscribed to htaprs as: tlmelton@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] UI-View and D7/D700's

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Mon, 10 Apr 2000 16:34:58 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76565-2000.04.10-09.38.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

I wonder is there any one on this list using ui-view. I have a few stations running Ui-View here in South Africa. The prob I am having is the following.

The d7/d700 can be seen on the base stations running Ui-View but the base stations can not be seen on the mobile or handheld rig's. But you can send a msg from the pc to the rig and visa versa. All the stations can see each other but the mobiles just can not see the ui-view station's for some reason.

Many thanks

Peter
ZR5DWC

84. [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 10 Apr 2000 09:44:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-76567-2000.04.10-09.47.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two VERY good ideas!

    Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

"Windows has detected that you moved the mouse. Please reboot for
   these changes to take effect."

> -----Original Message-----
> From: Christopher McNabb [SMTP:cmcnabb@4mcnabb.net]
> Sent: Friday, April 07, 2000 8:18 PM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] Re: [aprssat] Re: Sunsat SUCCESS!
>
>
>
>
> On Fri, 7 Apr 2000, Brian Badger wrote:
>
> >
> > anyway, new idea
> > 9) Optional automatic status text generation. Allow transmission of
> current
> > "other band" tuning settings as status text. This would allow people to
> find
> > which repeater you are on. "Mon 146.970-, tone 100.0" would be a huge
> help in
> > making voice contacts.
> > --
> > Brian.
> >
> And here is my 'new idea':
> Provide the option of setting the D7's Position to the position of the
> first digipeater it hears repeating its own signal. Or, I suppose the
> digi's could be set to replace a null position with their own. This would
> at least give an approximate location for everybody.
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Citadel TOUCH SCREEN APRS

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 10 Apr 2000 11:06:17 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: APRS <aprssig@lists.tapr.org>,
        Scott-KC5JGV <kc5jgv@bobcats2.oursc.k12.ar.us>
Message-ID: <LYR845-76570-2000.04.10-10.07.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just posted a new APRStch.ZIP which adds a few more menus to the Touch
Screen and also allows for more stations, up to 150 or so. Here are the
two new menus:

MAPS-OVERLAYS:

   DIGIS, GATES, NWS stations, NWS Radio stations, Radio SHacks, HAM
   stores, ZIP codes, Past CAP wrecks, etc

MAPS-PLOTS:

   Map Borders, CAP Grids, DF data, Grid Squares, Power-Height-Gain,
   Range RIngs, Traffic QSO's, etc

Also, I changed the default LABELS color to 2. If you have already saved
your config file then you need to change MAPS-FEATURES-LABELS to 2 and
re-save.

I made more room for up to 150 stations and left out 3D Maps, NTS Traffic,
Ethernet interface and MODEM Dial up.

What are we going to call these things? CITADEL?

ALSO, there are HUNDREDS of old PEN-SCREEN 386 Grid computers out there
that have the same size screen but are only HALF as thick. It uses the
screen PEN just like a touch screen and it works just like a MOUSE in
Win3.1. But the mouse drivers did not WORK when running dos. I never
persued it further. Now that I have done the work in APRStch, its time to
look at this again..

Im sure all it takes is the right driver and someone who understands how
to configure drivers to get that PC also working for APRStch! If anyone
has one of these or konws how to get a pen driver to work just like a
MOUSE in DOS, then we get another one to play with.

de WB4APR, BOb

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] d700 and winpack

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Mon, 10 Apr 2000 17:22:46 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76587-2000.04.10-11.01.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

Yes I have just got myself a TM-D700. Wow what a rig. I am having some problems with winPack and the
rig. I can not send more than 50k in yap mode and when I send smaller files via YAPP it aborts the YAPP
process. And I get various errors (""Cancel" was send via the other staion") is one of them. I know
abort was not sent as I did not send it nor did the other staion as I am the other staion as well. After
 it has done this I get the following : cmd:?link out of range Any idea to what may be wrong.

Many thanks

Peter
ZR5DWC

87. [htaprs] Compaq 1520

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Mon, 10 Apr 2000 23:01:40 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76626-2000.04.10-16.03.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some one on the list put up a msg about having a 1520. Could that person contact me directly about the
unit as I wish to get one. I just wish to find out your views on the unit. Is it easy to use and have
you tried it out on Packet aswell.

Many thanks

Peter

88. [htaprs] Re: UI-View and D7/D700's

From: Roger Barker <roger@peaksys.co.uk>
Date: Mon, 10 Apr 2000 22:25:46 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76627-2000.04.10-16.26.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-76565-2000.04.10-09.38.30--roger#peaksys.co.uk@list
s.tapr.org>, Peter ZR5DWC <zr5dwc@iafrica.com> writes
>   Hi
>
>   I wonder is there any one on this list using ui-view. I have a few
>   stations running Ui-View here in South Africa. The prob I am having
>   is the following.
>
>   The d7/d700 can be seen on the base stations running Ui-View but
>   the base stations can not be seen on the mobile or handheld rig's.
>   But you can send a msg from the pc to the rig and visa versa. All
>   the stations can see each other but the mobiles just can not see
>   the ui-view station's for some reason.

When sending messages from UI-View, make sure you are using APRS format.
You cam make it the default by checking "Default message type APRS" in
the "APRS Compatibility" set-up dialogue.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] Balloon Launch Near Grand Rapids MIchigan/ Allendale Michigan

From: "JSN" <kc8ffv@k8sn.org>
Date: Mon, 10 Apr 2000 20:29:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76641-2000.04.10-19.26.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To anyone who is in the Grand Rapids area, I have just been notified there
will be a balloon launch on Saturday It will have a APRS station in it If
anyone will be around Drop me a email kc8ffv@k8sn.org and I will forward you
to the person handling it

Jeff

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Re: d700 and winpack

From: Roger Barker <roger@peaksys.co.uk>
Date: Tue, 11 Apr 2000 09:12:52 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76745-2000.04.11-04.20.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-76587-2000.04.10-11.01.06--roger#peaksys.co.uk@list
s.tapr.org>, Peter ZR5DWC <zr5dwc@iafrica.com> writes
> Hi All
>
> Yes I have just got myself a TM-D700. Wow what a rig. I am having
> some problems with winPack and the rig. I can not send more than
> 50k in yap mode and when I send smaller files via YAPP it aborts
> the YAPP process. And I get various errors (""Cancel" was send via
> the other staion") is one of them. I know abort was not sent as I
> did not send it nor did the other staion as I am the other staion
> as well. After it has done this I get the following : cmd:?link out
> of range Any idea to what may be wrong.

Does the TM-D700 support transparent mode? I.e. does it have a
TRANSPARENT command? Yapp is a binary mode, and the TNC has to be able
to accept binary data without being confused by it or altering it in any
way, so transparent mode is used. It also has to be able to support
hardware handshaking. You can't use XON/XOFF with binary data.

Check those points, and make sure the basic, important TNC parameters,
as specified in the "Setting Up The TNC" section of the WinPack help are
supported by the D700 and are set correctly.

Also, with the TH-D7, there was a problem with the input buffer of the
TNC getting overrun if you used it with Win95/8 and a UART with the tx
FIFO enabled. The solution was to switch off the tx FIFO in Device
Manager.

(Remember that in the main market for these rigs, they are being used
mainly for APRS, and so their functionality when used for mailbox access
and other "normal" packet activities probably hasn't been well tested.)

A final point - there is a mailing list for WinPack support, where you
may well find other WinPack users who have a D700. You can subscribe to
it by sending an email to winpack-subscribe@egroups.com, or going to
http://www.egroups.com/subscribe/winpack.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] MIR on Packet?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 11 Apr 2000 12:00:09 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76779-2000.04.11-11.01.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A station in Australia reports hearing packets on the MIR downlink.
Keep in mind that this could be an erroneouse report (ie: someone
else trying to *transmit* to MIR, instead of MIR iteself..)...

I heard nothing on the just completed 1130 EDT pass over the East coast..

But when/if MIR packet becomes operational again, remember, it can be used
for THD7 to THD7 packet messaging with only whip antennas. The question
will be whether this mode will be "encouraged", "not mentioned", or
"banned".

Unless such operation is "banned" then it could be argued that such use
is only 5w ERP compared to the BBS operators who will typically use 100w
into a 13 dB gain antennna for a net ERP of over 2000 watts ERP.
Therefore a few HT-to-HT packets at this low level will not interfere
with the BBS operation.

de WB4APR, Bob

---------- Forwarded message ----------
Date: Tue, 11 Apr 00 22:16:04 +1000
From: Doug Rolfe <gecko2@primus.com.au>
To: SAREX <sarex@AMSAT.Org>
Subject: [sarex] Mir heard in OZ

Hello,

I have just heard Mir packet signals on 145.985 MHz on a low pass over
Australia (5 deg ele). This was at 11.40 UTC (9.40pm local). I'm hoping
for some voice at 11.15pm local (13.15 UTC). I don't have packet decoding
ability.

Good Luck to all in making contact.

Doug Rolfe,
Geelong, Australia.

Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe sarex" to Majordomo@amsat.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] balloon launch

From: "JSN" <kc8ffv@k8sn.org>
Date: Tue, 11 Apr 2000 15:31:32 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76812-2000.04.11-14.29.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THis message was sent to me by one of my friends...   They could use some
help with it so I thought heck I will put it out to people who are
interested in aprs..   thanx guys for anyone help you can give them

Jeff

----- Original Message -----
From: Brian Brethauer
To: perryzim
Sent: Thursday, April 06, 2000 2:37 PM
Subject: APRS

The balloon launch is a week from this Saturday! I have no help at this
point. We need to track and recover the balloon. This does not have to
be
a fox hunt. The GPS will be transmitting at 146.565. This is an APRS

application. Could you shake the trees to see if you know anyone who
would
be willing to help?

Info: Saturday April 15.
Starting time: 7:00am
Starting place: Allendale High School
Coffee, rolls and gas money will be provided.
Each person has to be willing to take a High School student with them so
that they can learn!

If you know any takers, Have them contact me at bbreth@altelco.net or
616 895-6961

Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] Re: balloon launch

From: "JSN" <kc8ffv@k8sn.org>
Date: Tue, 11 Apr 2000 18:07:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76830-2000.04.11-17.02.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OOPS I keep forgetting this type of thing.. Allendale, Michigan near Grand
Rapids.. I think the voice repeater that will be used is 147.060 94.8 pll
 holland michigan repeater) The # for the guy who is running it is in the
mail..

Jeff

----- Original Message -----
From: "David VanHorn" <dvanhorn@cedar.net>
To: "JSN" <kc8ffv@k8sn.org>
Sent: Tuesday, April 11, 2000 2:48 PM
Subject: Re: [htaprs] balloon launch

> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
>
> >The balloon launch is a week from this Saturday! I have no help at this
> >point. We need to track and recover the balloon. This does not have to
> >be
> >a fox hunt. The GPS will be transmitting at 146.565. This is an APRS
> >application. Could you shake the trees to see if you know anyone who
> >would
> >be willing to help?
> >
> >Info: Saturday April 15.
> >Starting time: 7:00am
> >Starting place: Allendale High School
>
> Some idea of what city and state this is in, would be most helpful.
>
> -----BEGIN PGP SIGNATURE-----
> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>
> iQA/AwUBOPOdxIFlGDz1l6VWEQJRegCg8mau9J5NjrKtfqOVg8brgb3IiVsAn07Q
> ZLae1ARWAkgberRGmJRY1aHR
> =ra3V
> -----END PGP SIGNATURE-----
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Re: balloon launch

From: "JSN" <kc8ffv@k8sn.org>
Date: Wed, 12 Apr 2000 02:40:37 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76898-2000.04.12-01.35.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ooops here we go again.. as a correction the launch is on This Saturday..
When they sent it to me I just copied and pasted and didnt read careful
enough :(sorry..   Allendale is in Ottawa County.   If you call the guy
who is listed he can give you a much better idea of what is going on..

Once again sorry..

Jeff

----- Original Message -----
From: <kb8uih@bytethis.com>
To: "JSN" <kc8ffv@k8sn.org>
Sent: Tuesday, April 11, 2000 8:50 PM
Subject: Re: [htaprs] balloon launch

> This message says a week from this Saturday but the text says it is for
> this weekend, April 15th. I am reading this on April 11th. Please
> correct me if I am confused. AND, where is Allendale. I am in the
> Midland area.
> Thanks,
> Chris
> _____
>
> JSN wrote:
> THis message was sent to me by one of my friends...   They could use
> some help with it so I thought heck I will put it out to people who are
> interested in aprs..   thanx guys for anyone help you can give them
> Jeff
> > ----- Original Message -----
> > From: Brian Brethauer
> > To: perryzim
> > Sent: Thursday, April 06, 2000 2:37 PM
> > Subject: APRS
> >
> The balloon launch is a week from this Saturday! I have no help at this
> point. We need to track and recover the balloon. This does not have to
> be a fox hunt. The GPS will be transmitting at 146.565. This is an
> APRS application. Could you shake the trees to see if you know anyone
> who would be willing to help?
> >
> > Info: Saturday April 15.
> > Starting time: 7:00am
> > Starting place: Allendale High School
> > Coffee, rolls and gas money will be provided.
> > Each person has to be willing to take a High School student with them so
that they can learn!
> > If you know any takers, Have them contact me at bbreth@altelco.net or
> > 616 895-6961
> > Brian
> > -----
>
> 73,
> Chris Rose
> KB8UIH
> AEC Midland County, MI
> ARES RACES SKYWARN
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] balloon launch

From: "JSN" <kc8ffv@k8sn.org>
Date: Wed, 12 Apr 2000 02:44:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76899-2000.04.12-01.40.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok a few corrections here about the balloon launch.. The reason they r
using the weird freq is cause the equipment they received for free was
already on that.. and of course who turns down something free.. (i
wouldnt) Also the launch is on this upcoming saturday. If you are in
the area contact the # listed on my past emails.. Thanx for the help and
sorry to confuse everyone

Jeff

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] Alinco DR-135 for APRS?

From: "Jim Gill" <gillj@uswest.net>
Date: Wed, 12 Apr 2000 01:52:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76905-2000.04.12-01.57.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On page 55 of the spring/summer 2000 AES catalog, Alinco is advertising a
DR-135 2m mobile, with "optional internal packet module [that] can be used
with APRS". The typical type-acceptance-not-received-yet disclaimer appears
for this radio (not unlike the Icom IC-R3 "video" wideband receiver, but
that's another topic altogether). Nothing like getting people frothing at
the mouth ahead of a product release (worked on me, apparently ;^])

The ad also states it has "front panel data input", "9600 packet mode", and
"rear panel serial port connection".

Anyone know anything about this alleged forthcoming DR-135? Nothing on
Alinco's website about it.

Thanks in advance...

Jim Gill
N0RMO
Omaha, NE
replyto set to: jimgill@ix.netcom.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] D7A goes deaf (revisited)

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 12 Apr 2000 09:13:47 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76960-2000.04.12-10.14.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,

I've tried all of the recommended solutions, but the problem
remains: whenever I hook a serial cable up to the "PC" jack on my D7A, it
goes completely deaf.

What I've tried:
1) Shielded DB9
2) Data lines wound through ferrite cores
3) The entire cable wound through a ferrite core
4) Running the computer on battery

Nothing seems to work. It's definitely caused by the cable, as when I
remove the jack, APRS traffic immediately causes it to break squelch, with
the jack plugged in: nothing ever breaks squelch. With the squelch open
and the jack in, all I get is open channel noise. Is there any kind of
floating ground issue with certain PCs?

--
Brian, KC0HIR
"There ain't no bleeding hearts on the bleeding edge."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Re: Alinco DR-135 for APRS?

From: "Steve & Ginny Grudzinski" <grudzinski@angelfire.com>
Date: Wed, 12 Apr 2000 09:17:05 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76976-2000.04.12-11.27.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jim,

I saw this radio at an APRS demo. It looks good. Sorry I don't have more to tell.

73
Steve
ad6ht
--

On Wed, 12 Apr 2000 01:52:19   Jim Gill wrote:
>On page 55 of the spring/summer 2000 AES catalog, Alinco is advertising a
>DR-135 2m mobile, with "optional internal packet module [that] can be used
>with APRS". The typical type-acceptance-not-received-yet disclaimer appears
>for this radio (not unlike the Icom IC-R3 "video" wideband receiver, but
>that's another topic altogether). Nothing like getting people frothing at
>the mouth ahead of a product release (worked on me, apparently ;^])
>
>The ad also states it has "front panel data input", "9600 packet mode", and
>"rear panel serial port connection".
>
>Anyone know anything about this alleged forthcoming DR-135? Nothing on
>Alinco's website about it.
>
>Thanks in advance...
>
>Jim Gill
>N0RMO
>Omaha, NE
>replyto set to: jimgill@ix.netcom.com
>
>
>---
>You are currently subscribed to htaprs as: grudzinski@angelfire.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

Angelfire for your free web-based e-mail. http://www.angelfire.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] SUNSAT Test Continues

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Apr 2000 13:20:33 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-76982-2000.04.12-12.21.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you with 9600 baud TNC's or the Kenwood D700 mobile radio,
there will be several days of an UN-ANNOUNCED APRS digipeting via SUNSAT
starting tomorrow (APril 13th). Possibly culminating in an announcement
next week.

THis is to work out the bugs. Please do not announce this beyond this
list. It may not work. It may not be on. But if you want to try to
digipeat via satellite, come join us.

9600 baud Uplink is 145.825 and donwlink is 436.250 +/- 10 KHz doppler.
DIGI callsign will be either SUNSAT or APRSSAT.

For tips on setting up your TMD700, refer near the bottom of:

   http://web.usna.navy.mil/~bruninga/astars.html

P.S. If you are a real satellite OP, they would really appreciate raw
KISS Capture files. These are typically logged by WISP. I dont think
that Hyperterm or Procomm can do this 8 bit binary capture. If someone
will identify an 8 bit capture program and inform us all???

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] KENWOOD TM-D700A for sale

From: "Doug Holcombe" <kb5yzi@netdoor.com>
Date: Wed, 12 Apr 2000 13:21:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-76999-2000.04.12-13.22.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a barely used KENWOOD TM-D700A for sale. If anyone is interested in
this please send me a reply back to my e-mail address kb5yzi@netdoor.com

Thanks

Doug
--

ps.
Also have some computer equipment for sale also.
SCSI card 3950u2b
and SCSI hard drives
and other stuff

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] Re: SUNSAT Test Continues

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Apr 2000 14:32:04 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-77002-2000.04.12-13.34.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 12 Apr 2000, Bob Bruninga wrote:

> For those of you with 9600 baud TNC's or the Kenwood D700 mobile radio,
> there will be several days of an UN-ANNOUNCED APRS digipeting via SUNSAT
> starting tomorrow (APril 13th). Possibly culminating in an announcement
> next week.

I stress again. That there are political needs to let any public
announcement of this capability to follow the proper channels. We are
being alerted only to make sure that it works for us first. But it is to
our best interest to keep it low key and "mum's the word...

Remember to set FULL DUP ON (with your PC) if you want to both send and
recive from your mobile.

Thanks, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] Re: [aprssat] SUNSAT Test Continues

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Apr 2000 14:33:49 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77003-2000.04.12-13.35.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

CHANGE!

The UPLINK has changed to 145.850. Donwlink remains 436.250 +/- 10 KHz
doppler...

Sorry...
Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] 20/20" on Wednesday at 10pm EDST on ABC

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Wed, 12 Apr 2000 15:47:32 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "GA ARES (E-mail)" <gaares@crash.hom.net>,
"GEMA_Staff@gema.state.ga.us" <GEMA_Staff@gema.state.ga.us>,
George McCashin <gmcc@NewsChannel9.com>,
"Gregory S. Williams K4HSM" <k4hsm@icx.net>,
"Koren Gaines (E-mail)" <koren@chickmail.com>,
LARRY H LYDA WA4PJP <wa4pjp@volstate.net>,
Lou Carter KE4DGW <lcarter264@aol.com>,
"Loyd C. Headrick KF4UJT" <1839395@pagemart.net>,
Mark Phillips <phillipm@intermediatn.net>,
Martin Day <mday696581@aol.com>, Michael Robbins <mrobbins@vol.com>,
Mike Fawbush KF4JOZ <mfawbush@usit.net>,
Mike Payne N4AIL <mpayne@cdc.net>, Nathan Bain KC4ENF <kc4efn@aol.com>,
Patricia Branham <patinc@worldnet.att.net>,
Phil Verble <kf4mcd@bellsouth.net>,
"Ralph W. Fowler N4NEQ" <rwf@mindspring.com>,
Randy Wells <gary132@aol.com>,
"Rev. Jake E. Carroll KE4SDU" <Alleymedic@msn.com>,
"Richard D. Wilson N4LT" <n4lt@VOY.NET>,
Rick Wright AI4L <ai4l@vol.com>,
"ROBERT J. JORDAN KN4VY" <kn4vy@volstate.net>,
Robyn Malone <malone.robyn@noaa.gov>,
"Ronald C. Steele" <ronbarb@cdc.net>,
Ronald E Branam KT4IW <KT4IW@aol.com>,
Sandy Macey KE4AJK <ke4ajk@aol.com>, Scott Duckworth <revduck@icx.net>,
Shelia Cannon KE4GXN <ke4gxn@aol.com>, Stanley@bellsouth.net,
Steve B Lamb KF4JTE <KF4JTE@aol.com>, Steve Macey <nt4a@aol.com>,
Steve Weber <sweber@clevelandpd.com>,
Suzanne Brown KE4SWZ <SwzAnne@aol.com>,
Terry Bartholomew NQ4Y <terry@edge.net>,
Terry Bartholomew NQ4Y <nq4y@qsl.net>,
Terry Martin KF4PPT <kf4ppt@att.net>,
Thad Hammett <thadhammett@juno.com>,
Tim Davis <tdavis1tn@netscape.net>, "tnham@qth.net" <tnham@qth.net>,
Tom Delker K1KY <k1ky@bellsouth.net>,
Tom Nichols NWS <tnichols@vantek.net>,
Tommy McEntyre <mcentyr@ibm.net>, "w4loc@VOY.NET" <w4loc@VOY.NET>,
"w4ors@arrl.net" <w4ors@arrl.net>, WALLY BROWN KD4XV <kd4xv@aol.com>,
"Wendell K. Williams W4WMS" <w4wms@aol.com>, William@bellsouth.net,
J.@bellsouth.net, Wheeler@bellsouth.net, KF4HZI@bellsouth.net
Message-ID: <LYR845-77012-2000.04.12-14.52.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

QST (TO ALL) :
>
> Please Watch "20/20" on Wednesday at 10pm EDST on ABC (channel 10 in
> Miami)
>
> The story of Willem, the 13 year old Dutch boy who was shot by Pirates
> off the coast of Honduras, while sailing around the world with his
> family.
> Ham Radio operators helped in the rescue and first aid efforts that
> were
> critical in saving the boy's life.
> We are very proud that a close friend, and well known Miami

> Cardiologist, Dr. Jim Hirschman K4TCV, was the Ham Radio Doctor
> who was on the air for more than 7 hours giving first aid advise.
> Dr. Jim flew to Dallas a few days ago to meet Willem and his family
> and was interviewed for this segment by 20/20.
>
> This is truly what Ham Radio is about.
> People helping people around the world!
>
> Please spread the word.
>
> 73 (Best Regards),
> Julio WD4JR
> - -:- -:- -:-
> WD4JR Julio Ripoll, A.I.A., N.C.A.R.B., Architect
> Asst. Amateur Radio Coord. National Hurricane Center
> Email: wd4jr@gate.net
> Home Page: http://www.gate/net/~wd4jr

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] RAM ERROR?

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Wed, 12 Apr 2000 21:57:32 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77020-2000.04.12-15.34.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

I have just run a ramtest on my D700 and I got the following:

```
cmd:RAMTEST
RAMTEST
RAM Reset!!
ERROR ADDRESS 000def0f
RAM Check
  32KBytes OK
  64KBytes OK
  96KBytes OK
 128KBytes OK
```

Is this normal? It is the error address that worries me.

Any info any one?

Thanks

Peter
ZR5DWC

105. [htaprs] Help with Palm IIIx cable

From: JAPalese@aol.com
Date: Wed, 12 Apr 2000 17:16:10 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77024-2000.04.12-16.16.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi:

I have the Palm IIIx travel cable and would like to wire it to my TH-d7.

After I cut the db-9 off the palm cable, which wire is what?

I looked all through my palm info and can't seem to find any such info.

Thanks for your help.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] th-d7 dead cable

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 12 Apr 2000 17:01:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77061-2000.04.12-19.00.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i found out last year that if i have my thd-7 in aprs mode, and run a
remote headset mic, the units receiver on aprs starts to make a pulseing
noise , when it does this the radio thinks there is a signal on freq. and
wont beacon out.

        my guess is the cable is acting as an antenna and picking up rf
from the receiver, and generating a signal back onto itself.

i also noticed if i plug in my serial port cable , that if i coil up the
cable at any point it will pulse, if i make the cable straight and put the
radio in a metal trashcan it works good.

           i have had several hams say my signal sounds like trash, of
course they don't know my radio is in a trash can.

         .ha ha

find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] SUNSAT Tonight!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Apr 2000 20:37:19 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77064-2000.04.12-19.38.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WHen I said TOMORROW, I meant UTC, which is NOW almost. here are the
times.. Uplink 145.850 9600 baud APRS via SUNSAT and listen on 436.250...

Australia
13/04/2000 00:39:00
13/04/2000 08:27:00
13/04/2000 11:44:00
13/04/2000 20:38:00
13/04/2000 22:17:00

North America
13/04/2000 01:36:00
13/04/2000 04:44:00
13/04/2000 06:21:00
13/04/2000 11:03:00
13/04/2000 12:39:00
13/04/2000 14:17:00
13/04/2000 15:57:00

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Auto PC Monitor

From: "David B Robertson" <DROBER05@prodigy.net>
Date: Wed, 12 Apr 2000 21:34:44 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77072-2000.04.12-20.34.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I am currently putting together plans for a project that has been evolving in the back of my mind for the past several months. Basically, I want to integrate a PC into my vehicle so that I can more easily tie together my TH-D7A, GPS, and packet operations as well as other stuff that I have in mind for the future. I can even envision integrating it into the entertainment system of my vehicle for instance.

Anyway, I am stuck on one key piece of the project. That is the monitor. I intend to use an older laptop computer for starters but I don't want the bulk of the laptop monitor. What I would like to get is a small (say, six inches or so) LCD display that could be linked to the laptop and act as a normal PC screen. Obviously, I don't want to spend much so price is critical. Anyone have any ideas where such a screen can be obtained as surplus or some other cheap means?

Oh, by the way, my vehicle is a full-sized GMC conversion van so size is not as critical as if I were driving a Saturn or Honda. This first attempt will be a prototype and maybe refine it in a smaller package down the road.

Dave Robertson
KC8JZX@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: SUNSAT Tonight!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Apr 2000 22:53:04 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-77080-2000.04.12-21.54.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 12 Apr 2000, Bob Bruninga wrote:

> WHen I said TOMORROW, I meant UTC, which is NOW almost. here are the
> times.. Uplink 145.850 9600 baud APRS via SUNSAT and listen on 436.250...

I think they screwed up the times again. NOtice the 2.5 hour separation between the 01:36 and the 04:44 pass, instead of 1.5 hours.. It aint over north america at that time...

Or, Im all screwed up.... By the way, nothing heard on the 01:36 pass.
bob

> > North America
> 13/04/2000 01:36:00
> 13/04/2000 04:44:00
> 13/04/2000 06:21:00
> 13/04/2000 11:03:00
> 13/04/2000 12:39:00
> 13/04/2000 14:17:00
> 13/04/2000 15:57:00
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] Re: 1200/9600 Signal Quality?

From: Jon Ogden <jono@enteract.com>
Date: Wed, 12 Apr 2000 23:21:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77086-2000.04.12-23.33.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 4/5/00 7:08 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:

> Based on my 9600 baud listning experience over the last several months to
> the WEAK satellite downlinks, I'm beginning to think that the radios will
> do 9600 baud with a weaker RF signal than they will with a 1200 baud AFSK
> one.

The Kenwood radios are a poor choice to use for packet recovery tests. I
have stated several times and will continue to state that the TNCs in the
Kenwood radios are much poorer at decoding packets than units from Paccom or
Kantronics.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] Re: Auto PC Monitor

From: "Walter Dunckel" <walter@radiohound.com>
Date: Wed, 12 Apr 2000 21:37:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77088-2000.04.12-23.36.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi David,

I have thought about this for a short time myself. Personaly, I think the
way to go is a laptop or low profile desktop pc with a $700-800 15" USB LCD
monitor. But here are some other ideas I had. You might be swayed if you are
into SSTV.

If you have a GMC van conversion, you aren't suffering for space. If you had
an extra desktop PC around the house, a DC to AC converter that could power
the computer, a video card that had a "NTSC" video out (many of them do
these days), and purchased a 4" color monitor. (These can be purchased as an
accessory for a video camera). This could be cheaper than the 800 LCD USB
monitor, but your eyes might hate you for it.

Another option is to buy the above equip but use an ICOM mobile radio with
the video input instead of the video monitor. (heres a link
http://www.icomamerica.com/amateur/dualmobile/#IC-2800H) This still would
not be as pleasing as a laptop or USB LCD display. By the way, things are
hard to read and look at when you take 15 inches down to 4 or 6 inches, so
before you get too deep... consider the consequences. If you found programs
that could compensate for this (extra large fonts, etc) you might be ok. But
then that 15" would give you over 4 times the viewing area of a 6".

Hope this helps,

Walter

----- Original Message -----
From: "David B Robertson" <DROBER05@prodigy.net>
Subject: [htaprs] Auto PC Monitor

> Hello all,

> Anyway, I am stuck on one key piece of the project. That is the monitor.
I
> intend to use an older laptop computer for starters but I don't want the
> bulk of the laptop monitor. What I would like to get is a small (say, six
> inches or so) LCD display that could be linked to the laptop and act as a
> normal PC screen. Obviously, I don't want to spend much so price is
> critical. Anyone have any ideas where such a screen can be obtained as
> surplus or some other cheap means?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] Re: SUNSAT Tonight!

From: Dave Zarzycki <dave@loki.sbay.org>
Date: Wed, 12 Apr 2000 22:08:57 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-77114-2000.04.13-00.13.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 12 Apr 2000, Bob Bruninga wrote:

> Or, Im all screwed up.... By the way, nothing heard on the 01:36 pass.

FYI -

I heard one station, and received one message on my D700A on the 4:44
pass. I heard both packets at 21:54 local time (PDT, -0700).

The one station was KE6ZC-8, 310 miles, 135 degrees away from my car in
Silicon Valley.

The message I received said, "High resolution image broadcast active."

davez

--
Dave Zarzycki KF6ZSS
http://thor.sbay.org/~dave/
http://www.sbay.net/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] RE: Alinco DR-135 for APRS?

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Thu, 13 Apr 2000 03:01:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77136-2000.04.13-01.57.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Alinco DR-135 for APRS?

See it in Dayton !!!!!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: Auto PC Monitor

From: "Demos Doulou" <sdoulou1@tampabay.rr.com>
Date: Thu, 13 Apr 2000 03:56:20 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77141-2000.04.13-02.57.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ANY Consumer grade lcd display will not work in a vehicle. It will totally
wash out during the day, and most do not have enough brightness control for
night operation. Also the extreme heat in a closed vehicle will destroy it
quickly. The only way to have a decent monitor for a vehicle is to purchase
a commercial product designed for mobile vehicle use. Yes, they are
expensive. This is from experience trying to put mobile data terminals into

police cruisers at my work.

73

Demos KR4US

----- Original Message -----
From: "Walter Dunckel" <walter@radiohound.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, April 13, 2000 12:37 AM
Subject: [htaprs] Re: Auto PC Monitor

> Hi David,
>
> I have thought about this for a short time myself. Personaly, I think the
> way to go is a laptop or low profile desktop pc with a $700-800 15" USB
LCD
> monitor. But here are some other ideas I had. You might be swayed if you
are
> into SSTV.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: 1200/9600 Signal Quality?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 13 Apr 2000 08:59:52 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-77185-2000.04.13-08.15.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 12 Apr 2000, Jon Ogden wrote:

> > Based on my 9600 baud listning experience over the last several months to
> > the WEAK satellite downlinks, I'm beginning to think that the radios will
> > do 9600 baud with a weaker RF signal than they will with a 1200 baud AFSK
> > one.
>
> The Kenwood radios are a poor choice to use for packet recovery tests. I
> have stated several times and will continue to state that the TNCs in the
> Kenwood radios are much poorer at decoding packets than units from Paccom or
> Kantronics.

I agree with you for almost ALL of the signals you hear on the air that
are improperly set up. But I do not agree with you for a properly
adjusted transmit signal. 95% of the signals on the air are terrible.
What we need is a good test with a known good signal...

Like you, I would love to see a well engineered and performed
test with signal generators and attenuators to get the real answer.
My THD7 will not decode some packet signals on the air that sound like
mush that light all the Smeter segments. But then it will decode very
weak signals perfectly that are properly setup for deviation, and tone
balance.

It will also decode 9600 baud signals so weak that NONE of the Smeter
segments are lit.

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Re: Auto PC Monitor

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 13 Apr 2000 09:45:52 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-77189-2000.04.13-08.46.23--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

> ANY Consumer grade lcd display will not work in a vehicle. It will totally
> wash out during the day, and most do not have enough brightness control for
> night operation... Also the extreme heat in a closed vehicle will
> destroy it quickly...

Agreed... with some exceptions...
Thats why I love my old Zenith 8088 and 286 laptops. Their displays are
very old LCD displays (CGA) not grayscale VGA, and so they look great in
direct sunlight and have complete backlight control at night. Mine
remains in my VAN at all times and has been there since about 1994.

We also use 5 of them on Naval Academy off-shore 40' sailboats where they
get splashed on, get hot and get cold and just keep on truckin. We are
now in or 7th year with the same old clunkers... They only draw 250ma
too. RUnning with APRSdos from a floppy, they never access the drives
during normal operation unless a new map is needed.

Im not arguing your point. Just offering a couter example..

P.S. I buy these things at Hamfests. I used to pay up to $50. Now I
wont pay more than $10 for a 286 or $5 for the 8088's..

Also, the display is a large 10.5" which is amazing for its vintage..

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: 1200/9600 Signal Quality?

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 13 Apr 2000 09:49:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-77196-2000.04.13-09.49.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>
> On Wed, 12 Apr 2000, Jon Ogden wrote:
>
> > > Based on my 9600 baud listning experience over the last several months to
> > > the WEAK satellite downlinks, I'm beginning to think that the radios will
> > > do 9600 baud with a weaker RF signal than they will with a 1200 baud AFSK
> > > one.
> >
> > The Kenwood radios are a poor choice to use for packet recovery tests. I
> > have stated several times and will continue to state that the TNCs in the
> > Kenwood radios are much poorer at decoding packets than units from Paccom or
> > Kantronics.
>
> I agree with you for almost ALL of the signals you hear on the air that
> are improperly set up. But I do not agree with you for a properly
> adjusted transmit signal. 95% of the signals on the air are terrible.
> What we need is a good test with a known good signal...
>
> Like you, I would love to see a well engineered and performed
> test with signal generators and attenuators to get the real answer.
> My THD7 will not decode some packet signals on the air that sound like
> mush that light all the Smeter segments. But then it will decode very
> weak signals perfectly that are properly setup for deviation, and tone
> balance.
>
> It will also decode 9600 baud signals so weak that NONE of the Smeter
> segments are lit.
>
> Bob
>

Almost all operators need to be reminded that so much
problems they have in getting out with packet
transmissions can be solved by a simple deviation
adjustment. 3 KCS for packet tones is more than enough!
Some of the later receivers have a lot of trouble with
even 4 kcs, and majority of transceivers seem to be HOT

with mike gain as it is.. Try lowering the deviations
and watch the difference guys...

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] $ Auto PC Monitor $

From: RASNM@aol.com
Date: Thu, 13 Apr 2000 11:05:17 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77204-2000.04.13-10.06.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 4/13/00 7:47:29 AM Mountain Daylight Time,
bruninga@nadn.navy.mil writes:

<< and most do not have enough brightness control for
 > night operation.. >>

OceanPC Displays, Sunlight-friendly flat panels protected against glare,
corrosion, and shock. Pick up your Euro 13.3 inch Digital Display for
$1,699.00.
1-800-227-5225   www.capjack.com.

I have not used this product   ;-)   ron

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] RE: $ Auto PC Monitor $

From: David Robertson <drober05@prodigy.net>
Date: Thu, 13 Apr 2000 11:33:28 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77251-2000.04.13-10.34.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think I like the price better on the units that Bob uses.

Dave R.
KC8JZX@arrl.net

------Original Message------
From: RASNM@aol.com
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: April 13, 2000 3:05:17 PM GMT
Subject: [htaprs] $ Auto PC Monitor $

In a message dated 4/13/00 7:47:29 AM Mountain Daylight Time,
bruninga@nadn.navy.mil writes:

<< and most do not have enough brightness control for
 > night operation.. >>

OceanPC Displays, Sunlight-friendly flat panels protected against glare,
corrosion, and shock. Pick up your Euro 13.3 inch Digital Display for
$1,699.00.
1-800-227-5225   www.capjack.com.

I have not used this product   ;-)   ron

You are currently subscribed to htaprs as: kc8jzx@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] Re: 1200/9600 Signal Quality?

From: Ronald Ross <rossr@AdicomWireless.com>
Date: Thu, 13 Apr 2000 09:55:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77266-2000.04.13-11.56.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John,

I still think it's good to collect the information
using the Kenwood radio. Since most people will be using
this in the field. I own Paccom, Kantronics and a TH-D7.
Since I got the Kenwood, I almost never use the stand-alones
when mobile or in the field. Therefore, knowing how good
the HT works is practically better for most people on the go.

RR

> -----Original Message-----
> From: Jon Ogden [mailto:jono@enteract.com]
> Sent: Wednesday, April 12, 2000 9:21 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: 1200/9600 Signal Quality?
>
>
> on 4/5/00 7:08 PM, Bob Bruninga at bruninga@nadn.navy.mil wrote:
>
> > Based on my 9600 baud listning experience over the last
> several months to
> > the WEAK satellite downlinks, I'm beginning to think that
> the radios will
> > do 9600 baud with a weaker RF signal than they will with a
> 1200 baud AFSK
> > one.
>
> The Kenwood radios are a poor choice to use for packet
> recovery tests. I
> have stated several times and will continue to state that the
> TNCs in the
> Kenwood radios are much poorer at decoding packets than units
> from Paccom or
> Kantronics.
>
> 73,
>
> Jon
> KE9NA
>
> ------------------------------------
> Jon Ogden
> KE9NA
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: rossr@adicomw.com
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] Re: D7 hang up

From: Ed Mulholland <ed_mulholland@yahoo.com>
Date: Thu, 13 Apr 2000 10:46:56 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77317-2000.04.13-12.47.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The D7 I own (early version) locked up again the other
morning with open squelch, and the only way gain
control over the unit was to drop the battery pack.
This was the problem prior to sending it back for the
mods Kenwood has been doing the past year. So I
called the repair center and spoke with Clifford who
suggested I try the filtered power cord as that has
helped certain problems in the past. This I did with
the help of another user who loaned me his Kenwood
power cord. To my surprise the unit worked flawlessly
this morning, however, I still have my fingers
crossed.
I had gone from a Garmin 295 with no problems to the
Pharos i180 gps that has a small power regulator chip
in the cigarette lighter plug. If this had anything
to do with it I'm not sure. It had worked with the
Garmin and no problems.
If others are still experiencing lockup how about
sharing your configuration and unit's mod history?
Clifford state they do watch this listing for our
problems and suggested often users find answers
quicker than the factory becomes aware.

73's
KA4WWV

_____
Do You Yahoo!?
Send online invitations with Yahoo! Invites.
http://invites.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

122. [htaprs] More sunsat.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 13 Apr 2000 14:03:28 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77321-2000.04.13-13.04.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the schedule for tonight (thursday) and tomorrow Friday.
Over the USA...

14/4/2000 00:46z
14/4/2000 02:25z
14/4/2000 04:06z
14/4/2000 12:00z
14/4/2000 13:37z
14/4/2000 15:17z
14/4/2000 16:58z

I had no success so far although one packet was reported in Calif. These
passes were using a different UPLINK antenna, but downlink should have
been the same... THESE PASSES WILL RETURN TO 145.825 UPLINK on the
vertical ANT.

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: 1200/9600 Signal Quality?

From: Dale Blanchard <bolero@accessnv.com>
Date: Thu, 13 Apr 2000 12:29:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-77335-2000.04.13-14.49.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
> balance.
>
> It will also decode 9600 baud signals so weak that NONE of the Smeter
> segments are lit.
>
The S meter on my DH-7A does not act like a S meter. It is either full
on or full off , just like the green light.> It will be full scale with
an extremely weak signal just barley breaking the squelch.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] TEST Canceled.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 13 Apr 2000 15:51:03 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77336-2000.04.13-14.51.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

More reasons not to publish the test. Tonight/tomorrows SUNSAT test is
canceled until they figure out what went wrong last night... Here is what
they report.

QUOTE
We just had a pass of Sunsat. It indeed didn't follow the schedule
after your 0444z pass yesterday evening. This behaviour must be
understood before the tests can be resumed. Accordingly, all passes
for tonight and tomorrow are cancelled. Thanks for your patience.
UNQUOTE..

sri, bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] Re: $ Auto PC Monitor $

From: RASNM@aol.com
Date: Thu, 13 Apr 2000 16:46:37 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77340-2000.04.13-15.47.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 4/13/00 11:50:39 AM Mountain Daylight Time,
rich.carter@windriver.com writes:

<< One could buy a notebook
 computer with a TFT flat panel display for this much! >>

I understand Richard, I'm just passing on information. FYI the same catalog
has a high resolution version waterproof , 12 inch, DC ready $3795

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Re: D7 hang up

From: "John B. Sullivan " <jbs@quickturn.com>
Date: Thu, 13 Apr 2000 14:07:11 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77341-2000.04.13-16.07.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One thing to check is the logic level used on the serial port of the
new GPS. The Garmins use RS-232 levels but some devices, like the new
Handspring PDAs, use TTL levels. I don't know if the D7 ports will
work reliably with TTL levels.

The regulator in the Pharos power cord should not be a factor.

John WD6BTP

> Date: Thu, 13 Apr 2000 10:46:56 -0700 (PDT)
> From: Ed Mulholland <ed_mulholland@yahoo.com>
> Subject: [htaprs] Re: D7 hang up
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
>
>
> The D7 I own (early version) locked up again the other
> morning with open squelch, and the only way gain
> control over the unit was to drop the battery pack.
> This was the problem prior to sending it back for the
> mods Kenwood has been doing the past year. So I
> called the repair center and spoke with Clifford who
> suggested I try the filtered power cord as that has
> helped certain problems in the past. This I did with
> the help of another user who loaned me his Kenwood
> power cord. To my surprise the unit worked flawlessly
> this morning, however, I still have my fingers
> crossed.
> I had gone from a Garmin 295 with no problems to the
> Pharos i180 gps that has a small power regulator chip
> in the cigarette lighter plug. If this had anything
> to do with it I'm not sure. It had worked with the
> Garmin and no problems.
> If others are still experiencing lockup how about
> sharing your configuration and unit's mod history?
> Clifford state they do watch this listing for our
> problems and suggested often users find answers
> quicker than the factory becomes aware.
>
> 73's
> KA4WWV
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Re: 1200/9600 Signal Quality?

From: "John B. Sullivan " <jbs@quickturn.com>
Date: Thu, 13 Apr 2000 15:36:41 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77356-2000.04.13-17.37.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would not characterize 95% of the signals I've heard as terrible,
but I would like to second Bob's call for more testing with calibrated
test equipment.

A 0.1 microvolt signal is enough to break the squelch on my D7 on VHF,
which makes it the most sensitive VHF receiver I've ever owned. It may
be even better, since the signal generator was at its lower limit. The
transmit frequency on VHF is also right on, within the limits of the
tester. When Mir was still active, it was able to decode downlink
packets using the standard antenna for almost the entire pass, but I
wasn't able to see my own packet repeated until I switched to a 17"
whip.

The UHF sensitivity is less, which is to be expected, but the transmit
freqency is also off by as much as 1.5 KHz at the high end of the
band. I've been able to decode some 9600bps signals off packet network
stations, but haven't tried 9600 or digital UHF with weak signals yet.

One problem with on-the-air testing is that a misaligned receiver may
outperform one that is perfect if the transmitting station is also
misaligned. Another is that S-meters are a grossly inaccurate method
of comparing sensitivity between two receivers. And finally, a sample
size of one is not very significant, even if the radio is aligned
before testing.

John WD6BTP

> Date: Thu, 13 Apr 2000 08:59:52 -0400 (EDT)
> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Subject: [htaprs] Re: 1200/9600 Signal Quality?
>
> On Wed, 12 Apr 2000, Jon Ogden wrote:

>
> > > Based on my 9600 baud listning experience over the last several months to
> > > the WEAK satellite downlinks, I'm beginning to think that the radios will
> > > do 9600 baud with a weaker RF signal than they will with a 1200 baud AFSK
> > > one.
> >
> > The Kenwood radios are a poor choice to use for packet recovery tests. I
> > have stated several times and will continue to state that the TNCs in the
> > Kenwood radios are much poorer at decoding packets than units from Paccom or
> > Kantronics.
>
> I agree with you for almost ALL of the signals you hear on the air that
> are improperly set up. But I do not agree with you for a properly
> adjusted transmit signal. 95% of the signals on the air are terrible.
> What we need is a good test with a known good signal...
>
> Like you, I would love to see a well engineered and performed
> test with signal generators and attenuators to get the real answer.
> My THD7 will not decode some packet signals on the air that sound like
> mush that light all the Smeter segments. But then it will decode very
> weak signals perfectly that are properly setup for deviation, and tone
> balance.
>
> It will also decode 9600 baud signals so weak that NONE of the Smeter
> segments are lit.
>
> Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: D7A goes deaf (revisited)

From: Darrell Hale <halehome@home.com>
Date: Thu, 13 Apr 2000 19:07:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77360-2000.04.13-18.07.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>What I've tried:
>1) Shielded DB9
>2) Data lines wound through ferrite cores
>3) The entire cable wound through a ferrite core
>4) Running the computer on battery

What happens if the cable is plugged into the radio, but unplugged at the PC
end?

If you plug the cable into the PC and short together the TX and RX
connections on the radio end, does a terminal program correctly see
transmitted characters appear as received characters (ie: run a loopback
test on the cable)?

Darrell, N3KTP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] Re: Another D7A belly up

From: John W Wilson <z004391b@bc.seflin.org>
Date: Thu, 13 Apr 2000 21:15:37 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-77375-2000.04.13-20.16.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been running mine for almost a year and it works fine most of the
time. It blew up when I tried connecting it to a brick in a rented truck
with mag mount on the roof. I used the brick with my Icom 24AT just fine
but when I went to do my APRS thing with the TH-D7A it blew the finals,
the back got so hot I had to remove the battery, and a wire burned going
to the GPS. With all those clues you would think I had the problem down,
but I tried it with the same system after I got the D7A repaired and it
worked fine. Works fine since, but I don't use the brick, just a good
antenna to get/send a good signal.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sat, 8 Apr 2000, Richard "Flip" Minton wrote:

> Hello again. The 2 meter transmit has again gone out in my D7A. 4th time
> with 3 different rigs. Save your breath about poor antennas, coax, SMA
> adapters. I made a special effort to monitor
> SWR levels, power outputs, heat build ups, and the current phase of the moon
> and outer planets, and it still died. It Doesn't seem to be able to handle
> transmitting in a vehicle every minute, for more than 10 hours a day, four
> days a week. This is my work schedule, and the rig again failed, in about
> the same amount of time at this duty cycle.
>
>
>
> I guess I'm being paid back for the last 25 years of having no major
> problems with any gear that I have bought.
>
> Flip Minton N9AZZ
> fminton@midwest.net
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Re: Dead D7

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Fri, 14 Apr 2000 05:35:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77441-2000.04.14-07.35.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Twice, I felt that my D7's were not transmitting. I wasn't making it into the
local repeater.

Both times I did the full reset, then reloaded the configuration via the MCP
software.
It appeared to work correctly and transmit after the reset/reload

jeff wrote:

> >I guess its the time when the D7's will start failing.
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Coming to a Large Hamfest in May.....

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Fri, 14 Apr 2000 08:50:08 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77443-2000.04.14-07.45.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Coming to a Large Hamfest in May......

Alinco will show DR-135 2 meter mobile
As described in "new" AES catalog:
APRS (packet ??) accessory module plugs in
serial port on radio
data jacks
CTCSS & DCS encode / decode
....it's not on web site yet.

If the "module" is OK, back the truck up honey,
cause we got a winner!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] Re: D7A goes deaf (revisited)

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 14 Apr 2000 09:20:51 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-77464-2000.04.14-10.21.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Darrell Hale wrote:

> >What I've tried:
> >1) Shielded DB9
> >2) Data lines wound through ferrite cores
> >3) The entire cable wound through a ferrite core
> >4) Running the computer on battery
>
> What happens if the cable is plugged into the radio, but unplugged at the PC
> end?

As it happens, I've never tried this... but since another cable which connects my D7A to my Palm V does not cause the problem, I don't really think this is it. (Note: the Palm V is running off of battery, so the ground line is floating)

>
> If you plug the cable into the PC and short together the TX and RX
> connections on the radio end, does a terminal program correctly see
> transmitted characters appear as received characters (ie: run a loopback
> test on the cable)?

Oh, the serial cable works fine. I can control the TNC, with full TX and RX. The problem is not the serial connection, but the reception of radio signals.

--
Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] ANother SUNSAT APRS test.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 14 Apr 2000 15:20:29 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77541-2000.04.14-14.21.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This test will use a VHF downlink and should be many dB stronger than the typical UHF downlink and need no tuning. It may even work with a good rubber duck on the HT. The uplink now will propably require a beam and WILL require doppler tuning anticipating the Doppler at the satellite. This means start of transmitting 10 KHz LOW and moving to 10 KHz HIGH at the end of the pass (the opposite of what you do on the donwlink).

Here is what I got from South Africa:

The uplink will be 436.290 MHz (UHF monopole) and the downlink 145.825 MHz (VHF monopole). Unless indicated otherwise, digital services will be active at the following times over USA:

15/04/2000 00:17:00
15/04/2000 01:45:00
15/04/2000 03:24:00
15/04/2000 05:04:00
15/04/2000 06:44:00
15/04/2000 11:21:00
15/04/2000 12:57:00
15/04/2000 14:39:00 Voice repeater
15/04/2000 16:17:00

De WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Maps US

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Sat, 15 Apr 2000 06:11:16 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77552-2000.04.14-15.11.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all VK4JEN-9 is going aprs mobile for a business trip to the US
at 01 May for 2 weeks, I like track him here in Australia with the
program UI-View is there someone who can help with maps for Highway I-80

Reno Nevada, Saltlake-City, Denver Colorado all for UI-View only
please..
cheers all de Art
--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go
Weather   : http://www.winshop.com.au/vk4go/wx.htm
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] To anyone who was interested in the balloon launch on saturday the 15th

From: "jeff" <jeff@k8sn.org>
Date: Fri, 14 Apr 2000 18:12:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77568-2000.04.14-17.13.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To anyone who was interested in the balloon launch on saturday the 15th.
here is some more info. This is in Allendale Michigan near grand rapids..

Jeff

This is it people! I would like to right now thank everyone who has offered
to help. It has been a real blessing to me! Here is the lastest info!

Launch Time   April 15, 2000 Hopefully about 7:00 am

Place of Launch: Bosch Country View Nursery 10785 84th St (between Pierce
and Lake MI Dr. West side of road)

Mission Control 10769 68th   Allendale High School! (Go around to the
back of the school facing 64th. We will be near the loading docks)

Launch Simplex Frequency 146.52
Launch Traffic Repeqater Freq: 147.16

APRS or Packet Frequency: 146.565 This is a one channel homemade
transmitter.
ATV Frequency: 439.5 (We are using also a down converter, this ATV does
not have a lot of power.)

We need people to help track and help with mission control. I have never
done this before, so I can't be sure where the needs will be so if you come,
plan on being flexible. I would like you to interface as much as possible
with my High School Physics Students. There are 9 of them who are working
on this project!

Thank you ever so much

Brian Brethauer
KC8NPH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] TM-D700 Deviation

From: Greg Noneman <greg@clubnet.net>
Date: Fri, 14 Apr 2000 18:07:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77579-2000.04.14-20.09.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone own a service manual for the D700?

I measured the fm deviation on both VHF and UHF and found both to be on
the high side. I would like to adjust the levels, but I opened-up the
radio and no trimpots were immediately obvious. If anyone has any info
on this, please let me know.

The values measured are as follows:

VHF voice : 4.2 kHz (1 kHz tone)
VHF packet: 3.6 kHz (1200 baud cal. square wave)

UHF Voice: 5.3 kHz (1 kHz tone)
UHF packet: 4.6 kHz (1200 baud cal. square wave)

As can be seen, all the levels are high (especially for packet).

Greg Noneman
WB6ZSU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] SUNSAT WOrks!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 14 Apr 2000 23:52:51 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, Robert Bruninga <bruninga@arctic.usna.edu>
Message-ID: <LYR845-77595-2000.04.14-22.53.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

* The first SUNSAT pass at 0014z I got nothing.
* Second pass at 0145z was STRONG on the 2m downlink. My mobile D700
  copied all 6 Bulletins and status. Saw no one else.
* Third pass at 0324 I operated Base station and got 8 BLNS digipeated and
  many other packets as fast as I could type them using HYPERTERM.

BULLETINS captured on my MOBILE from SUNSAT:

1) Please log all files in raw kiss format
2) Digipeating APRSAT callsign Active
3) APRS Server and UI data broadcast final tests
4) Contact address Lochner@ing.sun.ac.za
5) Please forwared binary files for assembly
6) High resolution image broadcast Active

LESSONS:

1) D700 radio BULLETIN groups allow only 4 bytes instead of 5. So SUNSAT
   should change to BLN#SO35 instead of BLN#SO-35. As it is, only SO-3
   is shown as the BULLETIN Group.

2) APRStk wont work with Mode B, since it defaults 2 meters to 1200 baud.
   I will fix, but is big re-write to account for uplink as well as
   downlink, and to now include Baudrate in each satellite entry.
   Thus, my unattended basestation got nothing.

3) Mode B Downlink on 2m is STRONG for delivery to HT with rubber duck,
   but requirement to uplink with pre-doppler in the blind without
   tracking program will be failure mode with the concept of PC-less
   users.

4) SUNSAT should buffer (delay) digipeat for at least ?250? ms? WIthout
   this, users of MOBILE or HT will never see their own packets and will
   thus be totally blind to their success. (Maybe you do, but we have
   not tried a digipeat yet from HT)

5) Other than the mobile, I screwed up with the HT's, handheld antenna,
   batteries, rubber duck, balance control, doppler tuning and just
   about everything else. So I got no real data here so far on the HT's.

BUT I can draw the following premature, and too-early-to-make
conclusion related to #2 above. For the concept of informal HT and
Mobile satellite message communications, there are many disadvantages
about this mode B:

1) Doppler tuning in the blind on uplink, will not work. Compared to mode
   J, where users UPLINK requires no tuning AND he can hear at all times
   the quality of the downlink and match doppler trivially. Yes, it CAN
   work for real-time voice digipeater where user "hears" his own uplink,
   but NOT for data where there is no feedback path to user.

2) For the conept of emergency communications from the USER, Mode J wins
   hands down. It has 9 dB better link from HT and it is NO TUNE
   required. Stranded motorist in wilderness just sets emergency message
   and it will get through.

3) Lower power and handheld beam for mode J UHF downlink is consistent
   with Other AO27, UO14 and UO22 operations (and possibly future KO23
   and TO31 if we ever convince community of its value)

4) ALthough Mode B gives MUCH Improved unattended satellite downlink to
   Mobiles for message delivery,... I think this message direction is
   the lesser objective of mobile satellite comms... Is he listening?
   Conversly, a mobile with something to SAY or wanting to CHECK for
   incoming traffic will then take the trouble to stop the car, pull over
   and take any added trouble to receive if he is expecting a message. Or
   his easier mode J uplink will enable him to to QUERY for any inbound
   traffic WHILE he is listening.

5) After an extended period of testing these many possibilities on SUNSAT,
the only viable long term operations will be by consistency. Mode
hopping on satellites is very dissruptive to users. <grin>.

6) UI IMAGE downlink MISSION is probably not the driving factor as far as
the mode is concerned. Only a few capture stations are needed and they
can do what is needed to bring the data down.

7) All these problems with mode B go away if 2 meters is also used as the
uplink. But this DOES significantly impact UI Broadcast delivery, and
may have other command station issues.

See you tomorrow... I will focus 100% on HT operations tomorrow.
de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Re: [aprssat] SUNSAT WOrks Rev2

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 15 Apr 2000 00:57:09 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, Robert Bruninga <bruninga@arctic.usna.edu>
Message-ID: <LYR845-77600-2000.04.14-23.57.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ON THE OTHER HAND...... Mode B is the way to go:

1) Message delivery to HT in pocket
2) Message delivery to mobile in motion in foliage
3) Totally unprepared user without a clue as to when the pass will
    occur in the wilderness WILL capture messages, and DONWLINK
    noise will alert him to pass-in-progress
4) Lower power demand on Satellite
5) No-track-no-tune download stations for UI data
6) User can respond and make more effort for uplink as needed.
7) The other pacsats provide good bench mark for mode J. SO let
    SUNSAT explore and validate the many advantages of MODE B.

8) Future Mode B satllites with 30 KHz UHF receiver will completely
    eliminate the uplink doppler tuning problem
9) Anyone can hear it, on ANY HT with ANY rubber duck. Great incentive
    for users to finally move to 9600 baud.
10) Great for PR, DEMOS, and message delivery. Have HT, will demo
11) No-Track-no-tune Igates can feed this stuff into APRServe to extend
    The message system worldwide
12) Similar Igates can return trafffic from APRServe to end users in the
    field.
13) Any loss of performacne on the UHF uplink can be easily made up with
    a 25 watt amp and still use an OMNI antenna. Very low duty cycle
    could package 25W amp and AA nicads into a cracker Jax box.
AND MANY MORE.

SO Mode B is certainly the winnner here... (another hasty, premature,
conclusion...)

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Automatic Wx Objects and D700

From: "Dale Huguley" <kg5qd@worldnet.att.net>
Date: Sat, 15 Apr 2000 11:53:59 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77697-2000.04.15-06.56.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All-
    I will not rehash my post to the aprssig concerning automatic Tornado
and severe thunderstorm objects- this is an amplification for D700a users.

If you have an I-gate that is locally gating wx data from my parser, you
should start to receive severe wx plots directly to your d700 screen. These
are "native" objects so that by looking at the detail of the "station" you
should be able to see the position and the distance/direction from you.

So you can do one of two things:
    1. Run away at 90 degrees away from the direction of travel if you want
to avoid it
    2. Head toward it if you are chasing it.

73 de kg5qd Dale

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] SUNSAT Success Saturday

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 15 Apr 2000 11:22:43 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77719-2000.04.15-10.23.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Results of SUNSAT Test overhead East coast USA 14 Apr 1300z

TEST SETUP:
  1:D700 Mobile 2m 5/8 wave ant on Plastic car roof (poor example!)
  2:D7 XMIT only on uplink with 14" whip sitting on plastic roof
  3:D7 A:RX B:TX on stock rubber duck on plastic roof
    Swapped Antennas on D7's about half way through

Results: D700 sigs went from S-3 to S7 (full scale) during pass
         Stock D7 rubber duck peaked at 3 segments
         Copied all 7 bulletins on D700. Copied ANQ and WQM posits
         Copied 6 bulletins on D7. (D7 will copy with S-0)

I swapped the 14" whip and stock whips on the D7's half way through
for big improvement on D7-3 reception. Copied none of my own
packets from Mobile or HT's. Did copy one packet from KB2WQM-7 D700
and one from WB3ANQ-7 on his D700.

CHRONOLOGY: Reconstructed after the pass. Remember, Radio only captures
original copy of any duplicate message, so we see here the first receipt
of each Bulletin or packet. Signals are simply S-Meter LCD segments.

1259z S3 Copied BLN Please log all...
1301z S5 Copied BLN APRS Server...
1302z S6 Copied BLN Digipeating via
1302z S6 Copied BLN High Resoultion...
1303z S7 Copied BLN UP/Dwn freqs...
1304z S7 Copied BLN Please Forward..
1304z S7 Copied BLN Contact Lochner..
1304z S7 Copied BLN WB3ANQ-9 Mobile D700
1307z S4
1308z S3 Copied KB2WQM-7 Mobile D700
1311z LOS

Next pass was USA VOice at only a 4 degree pass to my west. But mobile
copied voice to horizon for 4 minutes with signal peaking to S4. I made
voice contact with WB3ANQ

de WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] TM-D700A product review

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 15 Apr 2000 12:30:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77730-2000.04.15-11.30.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Kenwood TM-D700A is reviewed in May QST, which should be showing up
in your mailboxes and newstands real soon now. Also, the review is now
available in pdf format on the ARRL Members Only Web page.

73,

Stan Horzepa, WA1LOU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] TM-D700A serial number

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 15 Apr 2000 15:46:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77759-2000.04.15-15.47.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got a new unit three weeks ago at Texas Tower with a SN # of 111-00005.
Strange to see such a low number. As we know The D7a had a few productions runs
with the first 3 numbers different. Do you think the D700A did too?
or are all units 111-xxxxx ?

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] Re: TM-D700A serial number

From: "Charles H. Rahe, II" <crahe@lancnews.infi.net>
Date: Sat, 15 Apr 2000 17:18:50 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-77762-2000.04.15-16.19.34--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Robert Wininghamwrote:

> Got a new unit three weeks ago at Texas Tower with a SN # of 111-00005.

Received my D700A Fri. 4/14, also from Texas Towers. S/N 11000171. Looks like an earlier run ?
[Attachment: crahe.vcf; text/x-vcard; 150 bytes]

144. [htaprs] Re: TM-D700A serial number

From: Dale Grant <grantd@cadvision.com>
Date: Sat, 15 Apr 2000 15:26:14 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-77763-2000.04.15-16.27.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just to let you know I got mine just a week ago here in Canada (from RadioWorld), SN# 10900331

Robert Wininghamwrote:

> Got a new unit three weeks ago at Texas Tower with a SN # of 111-00005.
> Strange to see such a low number. As we know The D7a had a few productions runs
> with the first 3 numbers different. Do you think the D700A did too?
> or are all units 111-xxxxx ?
>
> 73
>
> --
>
> ----- kc5ejk@onramp.net or kc5ejk@amsat.org -----
>
> ---
> You are currently subscribed to htaprs as: grantd@cadvision.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Dale / VE6CPK
Repeaters: 147.390+ (VE6WRT) / 146.940- (VE6RPT) Calgary
E-Mail : grantd@cadvision.com or ve6cpk@rac.ca
Homepage : http://www.cadvision.com/grantd/WILDROSE.HTM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Sunsat schedule for next 24 hours (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 15 Apr 2000 18:16:27 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77769-2000.04.15-17.17.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

---------- Forwarded message ----------
Date: Sat, 15 Apr 2000 19:35:17 +0200
From: Johann Lochner (SUNSAT)

UI broadcasting results looks extremely promising. Data has been
received from N7SFI, KB2WQM, WB3ANQ and KB0VBZ. Thanks also to
WB4APR for his feedback on the North American passes. We'll soon
have a system ready to collect and merge the increasing volume of
KISS data automatically. More information to follow.

Another 24 hour schedule for digipeating and broadcasting of image
data was just uploaded. The uplink will be 436.291 MHz (UHF
monopole) and the downlink 145.825 MHz (VHF monopole). Unless
indicated otherwise, digital services will be enabled at the
following times (all are UTC):

Japan

15/04/2000 21:20:00
15/04/2000 22:58:00 FM Voice repeater
16/04/2000 09:27:00
16/04/2000 11:05:00

16/04/2000 12:45:00

North America

15/04/2000 23:29:00
16/04/2000 01:05:00
16/04/2000 02:44:00
16/04/2000 04:24:00
16/04/2000 06:06:00
16/04/2000 12:18:00
16/04/2000 13:59:00 FM Voice repeater
16/04/2000 15:37:00

Best wishes,
Johann Lochner, ZR1CBC
Sunsat SO-35 Control Operator

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

You are currently subscribed to aprssat as: BRUNINGA@NADN.NAVY.MIL
To unsubscribe send a blank email to leave-aprssat-15095R@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: TM-D700A serial number

From: "Rod Hart" <rwhart@home.com>
Date: Sat, 15 Apr 2000 20:20:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77785-2000.04.15-19.20.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bought mine a few weeks ago from a local supplier and the SN is 11000286.

Rod Hart
WA3MEZ

----- Original Message -----
From: "Dale Grant" <grantd@cadvision.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, April 15, 2000 5:26 PM
Subject: [htaprs] Re: TM-D700A serial number

> Just to let you know I got mine just a week ago here in Canada (from
RadioWorld),
> SN# 10900331
>
> Robert Winingham wrote:
>
> > Got a new unit three weeks ago at Texas Tower with a SN # of 111-00005.
> > Strange to see such a low number. As we know The D7a had a few
productions runs
> > with the first 3 numbers different. Do you think the D700A did too?
> > or are all units 111-xxxxx ?
> >
> > 73
> >
> > --
> >
> > -----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----
> >
> > ---
> > You are currently subscribed to htaprs as: grantd@cadvision.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> --
> Dale / VE6CPK
> Repeaters: 147.390+ (VE6WRT) / 146.940- (VE6RPT) Calgary

> E-Mail   : grantd@cadvision.com or ve6cpk@rac.ca
> Homepage : http://www.cadvision.com/grantd/WILDROSE.HTM
>
>
>
> ---
> You are currently subscribed to htaprs as: rwhart@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] SUNSAT Sat night.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 15 Apr 2000 23:43:20 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77810-2000.04.15-22.44.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I missed the 0138 pass, but the 0245 I copied KE6ZC-8 Stan (2336 Miles)
and several bulletins on the D7 HT AND I copied KB0VBZ-14 (1509 Miles)
running a NMEA Tracker! (Good GGA string). How'd he do that?

I was transmitting on a 30 second rate on Mobile and 20 second rate on HT.
Presumably you guys are also transmitting high rates. So I wonder why we
are not seeing as much success? I have never seen myself yet. Has
anyone seen themselves on the D700? Or do we need a longer T/R delay on
the satellite...?

This is clearly not nearly as successful uplink as on the UO-22 Mode J
operation... Do you agree?

Anticipating Doppler in the blind is tricky and easy to forget...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Cross Banding on the D700

From: Dale Grant <grantd@cadvision.com>
Date: Sun, 16 Apr 2000 01:53:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77844-2000.04.16-02.54.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just wondering if anyone has used there kenwood tm-d700 for
crossbanding? I recently bought the kenwood radio and normally use
crossband locally to help work those far off repeaters using my
handheld. I had noticed very good audio when transmitting from VHF to
UHF but from UHF to VHF the audio has to much base and is also
distorted. Just wondering if this is my radio which may need adjustment
or if this is a much noticeable situation among this radio. My previous
kenwood (V7) works very well for crossbanding so I was a little surprise
to hear the audio coming from the new kenwood D700.

--
Dale / VE6CPK
Repeaters: 147.390+ (VE6WRT) / 146.940- (VE6RPT) Calgary
E-Mail   : grantd@cadvision.com or ve6cpk@rac.ca
Homepage : http://www.cadvision.com/grantd/WILDROSE.HTM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: SUNSAT Sat night.

From: Builderick@aol.com
Date: Sun, 16 Apr 2000 10:01:17 EDT

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77904-2000.04.16-09.02.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 4/15/2000 9:46:07 PM Mountain Daylight Time,
bruninga@nadn.navy.mil writes:

<< I copied KB0VBZ-14 (1509 Miles)
 running a NMEA Tracker! (Good GGA string). How'd he do that? >>

Hello Group
 I'm using the kenwood THD7 however As with the other pacsats I digi off of
I don't put the thd7 in aprs mode.   Because of the 9k6 limitation. SO i have
an easyer way.
 I hook the thd7 to a dos computer and and get paket6 running. At the start
of the pass I run a script file. It changes the baud and the frequency.
Unproto string and such. After the pass i run another script file to change
back to 1k2 and local paket/aprs frequencys. Seems for Sunsat I used 436.285
for the uplink.

I can post the sunsat script file. here If anyone uses paket6 and wants it.
Rick

**********sig file below**********

KB0VBZ Rick in Dm79op
On aprs and amateur radio satellites uo-22,ko-23,ko-25,t0-31, decode sstv and
weather pictures as my hobbie. In construction, rough frame new houses.

E-mail can be sent to my mobile phone (110 characters max)
using this e-mail address
3035702419@mobile.att.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] Re: htaprs digest: April 15, 2000

From: Jim Neely <jmneely@attglobal.net>
Date: Sun, 16 Apr 2000 11:45:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-77937-2000.04.16-11.52.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

I bought mine from HRO Atlanta in February and the s/n is 100-000208. Ron,
W5RKN, got his from somewhere in the NW a couple of weeks ago and his s/n
is 111-0001??

Don't know what that says, other than there were probably several
production runs.

73...jn

>Subject: TM-D700A serial number
>From: Robert Winingham <kc5ejk@onramp.net>
>Date: Sat, 15 Apr 2000 15:46:07 -0500
>X-Message-Number: 4
>
>Got a new unit three weeks ago at Texas Tower with a SN # of 111-00005.
>Strange to see such a low number. As we know The D7a had a few productions
>runs
>with the first 3 numbers different. Do you think the D700A did too?
>or are all units 111-xxxxx ?
>
>73
>
>
>
>--
>
>-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

Jim Neely
  jmneely@attglobal.net   WA5LHS@TAPR.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Re: Packets digipeated via Sunsat

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 16 Apr 2000 13:43:37 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77942-2000.04.16-12.44.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

These stations have been seen: WB4APR, W3ADO, WB3ANQ, N5ZNL, KB2WQM
KE4SLC, W5ACM, KE6SZC, KB0VBZ, KB2WQM.

I have never seen my own packets. I suspect that the Satelite is so quick
on the full duplex downlink, that we wont see our own packets unless there
is a delay built into the satelite. ALso, Johann asks what DIGI call you
were using? I was using SUNSAT. But we need to verify that it does
callsign subsittution on APRSAT too.. (any SSID).

de WB4APR, Bob

On Sun, 16 Apr 2000, Johann Lochner wrote:

> Here is a list of digipeated packets which might be of interest to
> you and the list (extracted from the KISS data collected by N7SFI,
> KB2WQM, WB3ANQ and KB0VBZ during the last 48 hours). Please let me
> know whether your packets are sent via APRSAT or SUNSAT. Since
> APRSAT is replaced by SUNSAT, there's no way to determine this from
> the KISS data.
>
> fm WB3ANQ-9 to 3Y0X9Q via UOSAT5 ctl UIv pid=F0(Text) len 39
> fm N5ZNL-7 to EM42WK via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm N5ZNL-7 to EM42WK via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm N5ZNL-7 to EM42WK via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 9
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 44
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 50
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 50
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 54
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 50
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 54
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm N5ZNL-7 to EM42WK via SUNSAT-3* ctl UIv pid=F0(Text) len 3
> fm KE4SLC-3 to SX5S4R via SUNSAT* ctl UIv pid=F0(Text) len 32
> fm W5ACM-3 to R9TP9X via APRSAT SUNSAT* ctl UIv pid=F0(Text) len 39
> fm KE6ZC-8 to STQPQS via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 30
> fm KE6ZC-8 to STQPQS via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 30
> fm KE6ZC-8 to STQPQS via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 12
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 8
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 8
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 37
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 28
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 51
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 33
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 38
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 47

```
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 48
> fm KE6ZC-8 to STPYYT via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm W5ACM-3 to R9TP9X via APRSAT SUNSAT* ctl UIv pid=F0(Text) len 39
> fm KE4SLC-3 to SX5S4R via SUNSAT* ctl UIv pid=F0(Text) len 32
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 42
> fm KE4SLC-3 to SX5S4R via SUNSAT* ctl UIv pid=F0(Text) len 32
> fm KE4SLC-3 to SX5S4R via SUNSAT* ctl UIv pid=F0(Text) len 32
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 8
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 19
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 37
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 28
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 48
> fm N5ZNL-7 to EM42WK via SUNSAT-3* ctl UIv pid=F0(Text) len 1
> fm N5ZNL-7 to EM42WK via SUNSAT-3* ctl UIv pid=F0(Text) len 3
> fm W5ACM-3 to R9TP9X via APRSAT SUNSAT* ctl UIv pid=F0(Text) len 39
> fm N5ZNL-7 to EM42WK via SUNSAT-3* ctl UIv pid=F0(Text) len 1
> fm W5ACM-3 to R9TP9X via APRSAT SUNSAT* ctl UIv pid=F0(Text) len 39
> fm KE4SLC-3 to SX5S4R via SUNSAT* ctl UIv pid=F0(Text) len 32
> fm W5ACM-3 to R9TP9X via APRSAT SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 42
> fm KE4SLC-3 to SX5S4R via SUNSAT* ctl UIv pid=F0(Text) len 32
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 9
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 44
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 50
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 28
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 50
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 50
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 50
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 54
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 50
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 54
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 5
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm W3ADO-2 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 27
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm KE6ZC-8 to STQPQT via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 34
> fm KE6ZC-8 to STQPQT via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 34
> fm KE6ZC-8 to STQPQT via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 34
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB4APR-3 to 3Y0P0P via SUNSAT* ctl UIv pid=F0(Text) len 21
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm KE6ZC-8 to STQPQS via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 30
> fm KB0VBZ-14 to APRS via SUNSAT-7* ctl UIv pid=F0(Text) len 33
```

> fm KB0VBZ-14 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 68
> fm KE6ZC-8 to STQPQS via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 13
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 13
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 12
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 14
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 12
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 5
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 5
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 5
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 8
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 8
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 8
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 8
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 8
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 19
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 37
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 28
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 40
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 51
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 33
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 38
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 49
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 47
> fm WB4APR-3 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 48
> fm N5ZNL-7 to EM42WK via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm N5ZNL-7 to EM42WK via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm N5ZNL-7 to EM42WK via SUNSAT* ctl UIv pid=F0(Text) len 1
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB4APR-1 to APK002 via SUNSAT* ctl UIv pid=F0(Text) len 29
> fm WB4APR-3 to 3Y0P0P via SUNSAT* ctl UIv pid=F0(Text) len 21
> fm WB4APR-3 to APK101 via SUNSAT* ctl UIv pid=F0(Text) len 21
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB4APR-3 to APK101 via SUNSAT* ctl UIv pid=F0(Text) len 34
> fm WB4APR-3 to APK101 via SUNSAT* ctl UIv pid=F0(Text) len 74
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm KB2WQM-7 to SYQQ0V via SUNSAT-7* ctl UIv pid=F0(Text) len 15
> fm KB2WQM-7 to SYQQ0U via SUNSAT-7* ctl UIv pid=F0(Text) len 24
> fm KB2WQM-7 to SYQQ0V via SUNSAT-7* ctl UIv pid=F0(Text) len 15
> fm KB2WQM-7 to SYQQ0V via SUNSAT-7* ctl UIv pid=F0(Text) len 15
> fm WB4APR-3 to 3Y0P0P via SUNSAT* ctl UIv pid=F0(Text) len 21
> fm KB2WQM-7 to 3YQQ0W via SUNSAT-7* ctl UIv pid=F0(Text) len 15
> fm KB2WQM-7 to 3YQQ0X via SUNSAT-7* ctl UIv pid=F0(Text) len 31
> fm KB2WQM-7 to 3YQQ0X via SUNSAT-7* ctl UIv pid=F0(Text) len 15
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 51
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 24
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 51
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm KB2WQM-7 to 3YQQ0X via SUNSAT-7* ctl UIv pid=F0(Text) len 15
> fm KB2WQM-7 to 3YQQ0X via SUNSAT-7* ctl UIv pid=F0(Text) len 15
> fm WB4APR-1 to 3Y0Y0P via SUNSAT* ctl UIv pid=F0(Text) len 29
> fm KB2WQM-7 to 3YQQ0X via SUNSAT-7* ctl UIv pid=F0(Text) len 15
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB4APR-3 to 3Y0P0P via SUNSAT* ctl UIv pid=F0(Text) len 21
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm WB3ANQ-9 to 3Y0X9Q via SUNSAT* ctl UIv pid=F0(Text) len 39
> fm KE6ZC-8 to STQPQS via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 30
> fm KB0VBZ-14 to APRS via SUNSAT-7* ctl UIv pid=F0(Text) len 33
> fm KB0VBZ-14 to APRS via SUNSAT* ctl UIv pid=F0(Text) len 68
> fm KE6ZC-8 to STQPQS via RELAY WIDE SUNSAT* ctl UIv pid=F0(Text) len 30
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 24
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 51
> fm WB3ANQ-9 to APRK10 via SUNSAT* ctl UIv pid=F0(Text) len 35
>
> Regards,

> Johann
>
>
> +---+
>   JG Lochner ESL, Universiteit van Stellenbosch
>   e-pos: lochner@ing.sun.ac.za
>   webtuiste: http://esl.ee.sun.ac.za/~lochner
> +---+
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Re: Packets digipeated via Sunsat (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 16 Apr 2000 19:27:03 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-77975-2000.04.16-18.27.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THis will be the last routine cross post to HTAPRS SIG that I will make,
and I will try to keep all my posts to just the APRSSAT sig. Hopefully
this will cut down the wear and-tear on your "D" key.
---------- Forwarded message ----------
From: Johann Lochner <SUNSAT>

Thanks. Digipeat via SUNSAT (any SSID) or APRSAT-0

> Question. What is bandwidth of your 436.290 Receiver? This is to
> decide if we need to anticipate +/- 9 KHz of doppler or if we can
> use just +/- 5 Khz...

>From the web page for the FM voice repeater: "The centre frequency
for SUNSAT's uplink is 436.291 MHz. The IF bandwidth is 18kHz, and
the receiver has about a 3kHz AFC capability, so you can probably be
up to 9kHz off-frequency for voice. On an overhead pass, the Doppler
shift at AOS is almost 10kHz, so to be spot-on, you should be
uplinking on 436.281 MHz, and on 436.301 at LOS. Since you may be on
the side of the pass and get lower Doppler shifts, we suggest you
uplink at 436.285 MHz in the first part of the pass, and shift up by
10kHz once SUNSAT has passed overhead." So the +/- 5 kHz should do.

> Observation: Since I have never seen ANY of my packets digipeated,
> yet your lists shows many, this tells me that a Half-duplex station
> (the way we will be operating the Mobiles and HT's) cannot hear
> their own digipeated packets due to the very FAST T/R on the
> satelite.

Currently packets are digipeated immediately on reception. The next
software update (which will hopefully happen at the end of May) will
add packet clustering, configurable delays, etc.

We are performing GPS experiments on Monday mornings. Normally there
are no voice or data passes on Mondays. However, tomorrow after the
experiments, the digipeating and UI broadcasts will be active (times
are UTC; uplink will be 436.291 MHz and downlink 145.825 MHz):

Japan

17/04/2000 10:24:00
17/04/2000 12:04:00

North America

17/04/2000 11:39:00
17/04/2000 13:17:00
17/04/2000 14:57:00
17/04/2000 16:39:00

Best wishes,
Johann, ZR1CBC

+--+
  JG Lochner ESL, Universiteit van Stellenbosch
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+--+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] D700A Serial Number

From: "Norman D. Martin" <norm@hamsrus.com>
Date: Mon, 17 Apr 2000 7:16:18
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78096-2000.04.17-07.17.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I purchased mine 12/29/99, day the first units were delivered to HRO in
Phoenix. My S/N is 10800249.

Norm K7OLD
http://www.hamsrus.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: Cross Banding on the D700

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Mon, 17 Apr 2000 10:29:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78177-2000.04.17-11.27.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I get the same problem when I transmit from VHF to UHF. I just use partial
cross banding (full is not quite legal without the ID, but that is another
point). When I transmit on my HT on 445.3, the D700 re-transmits that onto
146.02. I get reports that the audio sounds muffled. I also get some reports
of data noise from the GPS.

Tom NY4I
----- Original Message -----
From: "Dale Grant" <grantd@cadvision.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, April 16, 2000 1:53 AM
Subject: [htaprs] Cross Banding on the D700

> Just wondering if anyone has used there kenwood tm-d700 for
> crossbanding? I recently bought the kenwood radio and normally use
> crossband locally to help work those far off repeaters using my
> handheld. I had noticed very good audio when transmitting from VHF to
> UHF but from UHF to VHF the audio has to much base and is also
> distorted. Just wondering if this is my radio which may need adjustment
> or if this is a much noticeable situation among this radio. My previous
> kenwood (V7) works very well for crossbanding so I was a little surprise
> to hear the audio coming from the new kenwood D700.
>
> --
> Dale / VE6CPK
> Repeaters: 147.390+ (VE6WRT) / 146.940- (VE6RPT) Calgary
> E-Mail   : grantd@cadvision.com or ve6cpk@rac.ca
> Homepage : http://www.cadvision.com/grantd/WILDROSE.HTM
>
>
>
> ---
> You are currently subscribed to htaprs as: toms@inconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] Mounting D700 on a cell phone mount

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Mon, 17 Apr 2000 12:32:44 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78187-2000.04.17-13.31.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am getting a Panavise cell phone mount that connects next to the radio in my car. The mount presents a flat vertical surface parallel with the radio. Now that I take a closer look at the hardware that came with the D700, I cannot figure out how to mount the face plate flush. The bracket that snaps into the back only has screw holes on the bottom. The "fan" with the tape on it, will go parallel to the faceplate, but that would look dumb. Has anyone mounted the faceplate on a mount that was parallel to the faceplate.

Thanks,

Tom NY4I

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] D700 Digipeat Goof!!!

From: "Brian B. Riley" <brianbr@wulfden.org>
Date: Mon, 17 Apr 2000 17:07:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78207-2000.04.17-16.09.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Today I had a Citadel computer hooked to my THD7 on my desk at school and had I running APRS, I had flipped the display to look at packets received and noticed that KA2BQE-8, my D700 in the parking which was set to digipeat was IDing and sending posits via WIDE,WID. The Posit and Status beacon from KA2BQE-8 were being transmitted, then heard and digipeated by KA2BQE-3 (Wide digi at my home 6 miles away and then being digipeated by KA2BQE-8 again on the second wide. This was no fluke, it was doing it all day! This isn't right is it?

  The stuff from the desktop D7 set to WIDE,WIDE,WIDE and digipeated through BQE-8 was not being re-digi-ed by BQE-8 after going out through BQE-3.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "If you can't believe what you read in comic books, what can
    you believe?" -- Bullwinkle J. Moose

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] Re: D700 Digipeat Goof!!!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 17 Apr 2000 17:47:16 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-78214-2000.04.17-16.48.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 17 Apr 2000, Brian B. Riley wrote:

> Today I had a Citadel computer hooked to my THD7 on my desk at school and
> had I running APRS, I had flipped the display to look at packets received
> and noticed that KA2BQE-8, my D700 in the parking which was set to digipeat
> was IDing and sending posits via WIDE,WID. The Posit and Status beacon from
> KA2BQE-8 were being transmitted, then heard and digipeated by KA2BQE-3 (Wide
> digi at my home 6 miles away and then being digipeated by KA2BQE-8 again on
> the second wide. This was no fluke, it was doing it all day! This isn't
> right is it?

THe D700 is going out via WIDE,WIDE. After it hits your house on the first hop, it then comes back and hits your mobile digi. THus, 2 hops just as you would expect.

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] Re: D700 Digipeat Goof!!!

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Tue, 18 Apr 2000 23:03:13 +0200 (CEST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-78431-2000.04.18-14.57.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 17 Apr 2000, Bob Bruninga wrote:

> On Mon, 17 Apr 2000, Brian B. Riley wrote:
>
> > Today I had a Citadel computer hooked to my THD7 on my desk at school and
> > had I running APRS, I had flipped the display to look at packets received
> > and noticed that KA2BQE-8, my D700 in the parking which was set to digipeat
> > was IDing and sending posits via WIDE,WID. The Posit and Status beacon from
> > KA2BQE-8 were being transmitted, then heard and digipeated by KA2BQE-3 (Wide
> > digi at my home 6 miles away and then being digipeated by KA2BQE-8 again on
> > the second wide. This was no fluke, it was doing it all day! This isn't
> > right is it?
>
> THe D700 is going out via WIDE,WIDE. After it hits your house on the
> first hop, it then comes back and hits your mobile digi. THus, 2 hops
> just as you would expect.
>

This might be what you would expect from a tnc2 tapr digi but jou would
think that a d700 would ignore its own frames.

ah well just a reason more to use a software based digi and not count on
comercial solutions.

73 de Andre PE1RDW
aprsdigi co-ordinator Netherlands
member aprs workgroup Netherlands

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] weather station?

From: "jeff" <jeff@k8sn.org>
Date: Tue, 18 Apr 2000 16:15:36 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78434-2000.04.18-15.13.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to help one of the local ES directors setup there EOC and they
have a davis weather station.. Is it possible to hook this up so it will
send out weather reports? if so how.. and is there a place on the web that
will give me more info..

Jeff Nawrot
"Ham radio its not a hobby its a life style"
Ever played the game find waldo? Well this is find Jeff!!
http://second.aprs.net/kc8ffv-14 http://michigan.aprs.net/kc8ffv-14

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] Sunsat passes for 18/4 and 19/4 (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 18 Apr 2000 16:31:48 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-78437-2000.04.18-15.32.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

---------- Forwarded message ----------
From: Johann Lochner

Please find the schedule for the next 24 hours below. Generic and
aliased digipeating (APRSAT) will be enabled. APRS anouncements,
APRS bulletins, APRS status, APRS telemetry and UI broadcasting of
image data will also be active. The uplink is 436.291 MHz and the
downlink 145.825 MHz.

Packets addressed to any SUNSAT SSID will be digipeated by that same
SSID. Packets addressed to APRSAT (APRSAT-0) will have the callsign
substituted by SUNSAT (SUNSAT-0). All APRS bulletins, status and
telemetry originate from SUNSAT-3. UI broadcasted packets originate
from SUNSAT-9.

Japan

18/04/2000 20:59:00
18/04/2000 22:36:00
19/04/2000 00:17:00
19/04/2000 09:07:00
19/04/2000 10:44:00 Voice repeater
19/04/2000 12:23:00

North America

18/04/2000 23:08:00
19/04/2000 00:45:00
19/04/2000 02:24:00 Voice repeater
19/04/2000 04:04:00
19/04/2000 05:44:00
19/04/2000 11:58:00
19/04/2000 13:35:00
19/04/2000 15:17:00
19/04/2000 16:57:00

Best wishes,
Johann Lochner, ZR1CBC
Sunsat SO-35 Control Operator

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] Time change & the D700

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 18 Apr 2000 15:09:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78443-2000.04.18-16.07.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After daylight savings time went into effect, I changed my UTC offset on the
D700 to -6 rather than -7 (for Utah).

When I push POS I get my correct local time.

However, when I look at the time any packets are received, they are all an
hour behind. It looks like the code to figure out when a packet is received
is not using the new offset. For example, the current time displayed on the
POS display is 19:45, the packet I just received (in List) is displayed as
18:45. This happens for all the stations in my list.

Does anyone notice something similar?

Tom NY4I

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] Aircraft band

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 18 Apr 2000 15:11:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78444-2000.04.18-16.15.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is it possible to receive AM aircraft on Band A?

I know you cannot in Band B, but I thought Band A would allow it? When I
change bands with the VFO (F + Knob A), it only cycles through 144 and 220.

Any thoughts?

Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] Re: Aircraft band

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 18 Apr 2000 15:32:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78453-2000.04.18-16.30.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry, even though this is the htaprs group, I did not mention the this is
on the D700.

Thanks,

Tom
----- Original Message -----
From: "Steve & Ginny Grudzinski" <grudzinski@angelfire.com>
To: "Thomas M. Schaefer" <ny4i@arrl.net>
Sent: Tuesday, April 18, 2000 3:20 PM
Subject: Re: [htaprs] Aircraft band

>
> Hi Tom,
>
> What type of radio are you speaking about?? I can receive 118.00 - 136.9
on my two icoms. 207H and the IC-W32A
>
> 73
> Steve
>
> On Tue, 18 Apr 2000 15:11:00   Thomas M. Schaefer wrote:
> >Is it possible to receive AM aircraft on Band A?
> >
> >I know you cannot in Band B, but I thought Band A would allow it? When I
> >change bands with the VFO (F + Knob A), it only cycles through 144 and
220.
> >
> >Any thoughts?
> >
> >Tom
> >
> >
> >---
> >You are currently subscribed to htaprs as: grudzinski@angelfire.com
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> Angelfire for your free web-based e-mail. http://www.angelfire.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] PALM PC's and APRS

From: "Kent Hufford" <khufford@erols.com>
Date: Tue, 18 Apr 2000 21:49:33 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Message-ID: <LYR845-78493-2000.04.18-18.51.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I went to the FOSE show today(Federal Computer show in DC) and got to play
with one of the NEW Windows based Palm PCs that will be released on WED, 19
APR.

I have and love my Palm Pilot IIIc (color). I have not liked the Windows CE
boxes.

However, the NEW PALM "PCs" may have finally beat out the Palm Pilots.

The new Palms, at least the one I played with from one manufacture is color,
has a PCMCIA slot, serial port, USB port, stereo headphone jack.

Same shape and almost the same size as the Pilot. Has a docking station like
the Pilot.

Runs a "new" version of Windows CE, which the rep. said was NOT CE.... but
more like Windows.

Has built-in versions of Office, Outlook, yada, yada yada. Comes WITH a
mapping program.

All for $499. That's $50 more than a IIIc.

Looks like it will be a great APRS platform!

Kent
KQ4KK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

165. [htaprs] RE: [aprsplus] weather station?

From: "David Dunster VE5DGD" <ve5dgd@cableregina.com>
Date: Tue, 18 Apr 2000 17:59:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78495-2000.04.18-19.00.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Davis Weather station is not supported by APRS+SA. APRS+SA only supports
the Peet Bros. weather stations.

-----Original Message-----
From: owner-aprsplus@k8sn.org [mailto:owner-aprsplus@k8sn.org]On Behalf
Of jeff
Sent: April 18, 2000 17:16
To: TAPR Hot Technology APRS; aprsplus@k8sn.org
Subject: [aprsplus] weather station?

I am trying to help one of the local ES directors setup there EOC and they
have a davis weather station.. Is it possible to hook this up so it will
send out weather reports? if so how.. and is there a place on the web that
will give me more info..

Jeff Nawrot
"Ham radio its not a hobby its a life style"

Ever played the game find waldo? Well this is find Jeff!!
http://second.aprs.net/kc8ffv-14 http://michigan.aprs.net/kc8ffv-14

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] Re: Aircraft band

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Tue, 18 Apr 2000 19:51:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-78500-2000.04.18-19.52.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Thomas M. Schaefer" wrote:
>
> Is it possible to receive AM aircraft on Band A?
>
> I know you cannot in Band B, but I thought Band A would allow it? When I
> change bands with the VFO (F + Knob A), it only cycles through 144 and 220.
>
> Any thoughts?
>
> Tom
>
> ---

Hi Tom,

Page 90 of the instruction manual sez yes, but I cannot
play with it since it is mounted in the car. You may be
forgetting a step or two to get it to go to 118 mhz...
Good luck es 73

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] Re: Aircraft band

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 18 Apr 2000 18:56:28 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78512-2000.04.18-19.56.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The post that it depends upon theband in Band B was the winner. If Band B is
in memory mode, then you can select 118 in band a. Strange...

Thanks,

Tom
----- Original Message -----
From: Robbie Robertson <mwrobertson@mediaone.net>
To: Thomas M. Schaefer <ny4i@arrl.net>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, April 18, 2000 6:51 PM
Subject: Re: [htaprs] Aircraft band

> "Thomas M. Schaefer" wrote:
> >
> > Is it possible to receive AM aircraft on Band A?
> >
> > I know you cannot in Band B, but I thought Band A would allow it? When I
> > change bands with the VFO (F + Knob A), it only cycles through 144 and
220.

> >
> > Any thoughts?
> >
> > Tom
> >
> > ---
>
> Hi Tom,
>
> Page 90 of the instruction manual sez yes, but I cannot
> play with it since it is mounted in the car. You may be
> forgetting a step or two to get it to go to 118 mhz...
> Good luck es 73
>
> Robbie
>
>
> --
> ----------------------------
>   Are we having fun yet?
>   73 - Robbie - WA9INF
> ******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] Re: Time change & the D700

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 18 Apr 2000 21:20:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78514-2000.04.18-20.21.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 4/18/00 5:09 PM, Thomas M. Schaefer at toms@inconnect.com wrote:

> After daylight savings time went into effect, I changed my UTC offset on the
> D700 to -6 rather than -7 (for Utah).
>
> When I push POS I get my correct local time.
>
> However, when I look at the time any packets are received, they are all an
> hour behind. It looks like the code to figure out when a packet is received
> is not using the new offset. For example, the current time displayed on the
> POS display is 19:45, the packet I just received (in List) is displayed as
> 18:45. This happens for all the stations in my list.
>
> Does anyone notice something similar?

 I had the same problem; you have to set the new offset, then go to POS and
do a SETTIME and then it seems that it doesn't go back and correct any old
LIST entries but new ones will have the right time.

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  If Clinton is the answer, it was a stupid question.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] Problem Updating MIR keps in APRSTk - workaround

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 18 Apr 2000 21:34:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga, WB4APR" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-78519-2000.04.18-20.35.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Because LEO.ORB has MIR as "MIR_" the regular Keps from ARRL or AMSAT do
not update MIR since the name in those files is just "MIR", you need to hand
edit it quickly before using to update the KEPS via Input-Keps

73 de brian, ka2bqe

--
Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Darkness cannot drive out darkness, only light can do that. Hate
  cannot drive out hate; only love can do that. -- Martin Luther King Jr.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] Re: Time change & the D700

From: "Tracy Melton" <tlmelton@bellsouth.net>
Date: Tue, 18 Apr 2000 21:31:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78531-2000.04.18-21.33.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Make sure your GPS is set correctly...i.e. -6 hours from Zulu...for whatever
region you are in. {Daylight savings time change)

----- Original Message -----
From: Thomas M. Schaefer <toms@inconnect.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, April 18, 2000 4:09 PM
Subject: [htaprs] Time change & the D700

> After daylight savings time went into effect, I changed my UTC offset on
the
> D700 to -6 rather than -7 (for Utah).
>
> When I push POS I get my correct local time.
>
> However, when I look at the time any packets are received, they are all an
> hour behind. It looks like the code to figure out when a packet is
received
> is not using the new offset. For example, the current time displayed on
the
> POS display is 19:45, the packet I just received (in List) is displayed as
> 18:45. This happens for all the stations in my list.
>
> Does anyone notice something similar?
>
> Tom NY4I
>
>
>
>
> ---
> You are currently subscribed to htaprs as: tlmelton@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Re: Time change & the D700

From: "Gary U" <spoiler11@msn.com>
Date: Tue, 18 Apr 2000 22:46:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78538-2000.04.18-22.43.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

I am planning to buy a new mobile rig in the next week or two. I have
narrowed the choices to the D700 or the yaesu 8100R. I have picked these
two because of the extended receive options. I have limited space for
mounting and I am into scanning as well as 2m 440 and aprs. I also already
own a D7 and a GPS III+. My question for the group (finally you say :-).
Is how the D700 works in its various scan modes. I have downloaded and read

the manual, but it is not very clear, at least to me. Can you actually scan programed frequencies say from 118-470 all at the same time, realizing it might take both bands to do this or can you only scan one band or or a sub band on each side at the same time.

Thanks in Advance

KC5UWA
Gary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] RE: PALM PC's and APRS

From: Rich Mulvey <mulveyr@iname.com>
Date: Wed, 19 Apr 2000 07:46:50 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-78609-2000.04.19-06.50.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 18-Apr-2000 Kent Hufford wrote:
> I went to the FOSE show today(Federal Computer show in DC) and got to play
> with one of the NEW Windows based Palm PCs that will be released on WED, 19
> APR.
>
> I have and love my Palm Pilot IIIc (color). I have not liked the Windows CE
> boxes.
>
> However, the NEW PALM "PCs" may have finally beat out the Palm Pilots.
>
> The new Palms, at least the one I played with from one manufacture is color,
> has a PCMCIA slot, serial port, USB port, stereo headphone jack.
>
> Same shape and almost the same size as the Pilot. Has a docking station like
> the Pilot.
>
> Runs a "new" version of Windows CE, which the rep. said was NOT CE.... but
> more like Windows.
>
> Has built-in versions of Office, Outlook, yada, yada yada. Comes WITH a
> mapping program.
>
> All for $499. That's $50 more than a IIIc.
>
> Looks like it will be a great APRS platform!

   Yes, but you made the mistake of actually believing the rep. :-)

   The OS is *still* Windows CE. However, Microsoft has crashed and burned so incredibly badly in the pocket market that they've been forced to rename it to distance themselves from the WinCE debacle. It doesn't surprise me that the reps are stooping to lies about the OS.

- Rich

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] D7A & 3 function speaker/mic

From: "Dobbs, Mike" <mdobbs@amgen.com>
Date: Wed, 19 Apr 2000 10:07:41 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78646-2000.04.19-12.09.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just got my call sign today (3 weeks post Technician exam) so I'll be on the
air after work. I've spent the interim doing lots of listening and learning
about my D7.

I picked up the Kenwood 3 function speaker/mic (can't recall the exact name)
for use with my D7. I can't figure out if the functions are programmable.
The mic instructions refer you to the transceiver manual for programming
information but the D7 manual only shows a schematic of the speaker/mic's 3
switches. No info regarding their default functions and nothing about how to
re-assign them. The defaults seems to be A/B band switching, VFO/Call
channel switching, and something else that didn't appear too useful.

Anyone know if it's possible to re-assign the buttons? Perhaps via the
Kenwood CDROM software & cable (I'm still waiting for my free one to
arrive)?

I will be using my D7 a lot in my car. I've fashioned a cellphone style
mount that works quite well. I was hoping to use the speaker/mic while
mobile, but the more I play with it, the less I like it while driving. What
do most HT users use while mobile...headset/boom mic with VOX/PTT or lapel
mics?

Mike Dobbs A.K.A. KG6BCP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] Re: PALM PC's and APRS

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 19 Apr 2000 13:10:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78649-2000.04.19-12.13.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

:   The OS is *still* Windows CE. However, Microsoft has crashed and burned
so
:incredibly badly in the pocket market that they've been forced to rename it
to
:distance themselves from the WinCE debacle. It doesn't surprise me that
the
:reps are stooping to lies about the OS.
:
:- Rich

Marketing... lying... what's the difference? :-)

I'll preface this by saying that I am *not* a Microsoft apologist. Yes, I
am the author of APRS/CE, but don't assume that I am rabidly pro-CE and
anti-Palm (or anti-anything else) because of it.

CE certainly has gotten a bum rap, but... I've owned about six CE devices
and have coded/tested/debugged using each and every one of them. The only
time I've ever seen the CE equivalent of a GPF is when I've made some
egregious memory mistake with APRS/CE - e.g. freeing something twice, using
a null pointer, et al. I don't really know if there's an equivalent to the
famous Blue Screen of Death (BSOD) - I've certainly never seen one. I
have experienced the "pause" or "slowdown" effect that some have seen.
I've attributed it to garbage collection and memory defragmentation. The
machine has always recovered within about 15 seconds. (I hope this is fixed
in Windows CE 3.0!)

If Windows 95 or 98 ran like this, I'd be able to run it for six months
straight. (Yes, I know about Linux, having two servers in my house and a
partition on my development box. Yes, I know it beats the h*ll out of
anything Microsoft offers for stability, reliability, etc.)

Part of the reason CE appears to be more stable than its desktop cousins is
related to the fact that the OEM builds a brand-spankin'-new kernel for each
new type of CE device that rolls off the assembly line. With the exception
of memory or other standard CF card add-ons, there is no variation in the
hardware - every box looks the same. If the OEM can tweak the build to work
reliably on box #1, then it will work the same on box #100,000.

I do think Microsoft was trying to cram way too many desktop-like features
into a small box. Why in the name of abandoned logic would you put

grayscale 3-D buttons on a 4-gray screen that's already (a) crowded and (b)
hard to read?

I also think that only being able to muster a 25% market share (+/- 5%) has
given Microsoft a needed "boot to the head". I imagine that they've had to
return to the drawing boards to figure out what they were doing wrong.
(Here's a hint: Take a look at what the market leader, Palm, is doing
right.)

>From what I've seen of the new Pocket PC devices, the interface is *MUCH*
better. The new hardware (a) is smaller, (b) is lighter and (c) has just
enough goodies without sacrificing (a) and (b).

I guess my point is, cut through the poorly-researched reviews and the M$
marketing hype and try one of these things out for yourself before passing
final judgment. CE may not be as bad as you were led to believe. ;-)

Finally, yes, as soon as I can get my hands on a Pocket PC, I'll make sure
APRS/CE is running on it in living color!

     -Rob

P.S. If anyone has a Compaq Aero 15xx out there, you'll be pleased to know
that Compaq will have a ROM upgrade to Windows CE 3.0 (Pocket PC).

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Re: D7A & 3 function speaker/mic

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 19 Apr 2000 12:16:47 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-78657-2000.04.19-13.17.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Page 44 of the manual.

--
Brian "B is for Brevity" Badger, KC0HIR
"There ain't no bleeding hearts on the bleeding edge."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Re: D7A & 3 function speaker/mic

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 19 Apr 2000 12:57:40 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78700-2000.04.19-14.58.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 19 Apr 2000, Dobbs, Mike wrote:
> I picked up the Kenwood 3 function speaker/mic (can't recall the exact name)
> for use with my D7. I can't figure out if the functions are programmable.
> The mic instructions refer you to the transceiver manual for programming
> information but the D7 manual only shows a schematic of the speaker/mic's 3
> switches. No info regarding their default functions and nothing about how to
> re-assign them. The defaults seems to be A/B band switching, VFO/Call
> channel switching, and something else that didn't appear too useful.
>
> Anyone know if it's possible to re-assign the buttons? Perhaps via the
> Kenwood CDROM software & cable (I'm still waiting for my free one to
> arrive)?

It's in the manual. With the buttons unlocked, turn the D7 on with the
button you want programmed pressed down. It'll blink PFn (where n=1 - 3).
Press the buttons for the function you want stored in the button. I use
the following:

1   -   Band Switch
2   -   VFO/MR Toggle
3   -   Call

One problem I noticed this past weekend was that for some strange reason,
when receiving a signal and listening to it on the speaker mic, the D7
would suddenly change frequency! This happened twice. The radio was
sitting on the table in front of me, as was the speaker mic. Neither the
radio nor speaker mic were being touched. It seemed as though the sound of
the voice I was receiving was triggering the radio to switch frequencies.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] Re: D7A & 3 function speaker/mic

From: "Cor Knijnenburg" <corknijnenburg@scg-inc.com>
Date: Wed, 19 Apr 2000 16:42:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'Julian M. Frost'" <jfrost@odaiko.ss.uci.edu>
Message-ID: <LYR845-78710-2000.04.19-16.41.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Funny that you would say that, because the same thing happened to me in the
car. It just jumped frequency for no reason....
Most of the time that it happened for me was when I drove by paging towers.

Ck KD5GIB
-----Original Message-----
From: bounce-htaprs-8833@lists.tapr.org
[mailto:bounce-htaprs-8833@lists.tapr.org]On Behalf Of Julian M. Frost
Sent: Wednesday, April 19, 2000 2:58 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: D7A & 3 function speaker/mic

On Wed, 19 Apr 2000, Dobbs, Mike wrote:
> I picked up the Kenwood 3 function speaker/mic (can't recall the exact
name)
> for use with my D7. I can't figure out if the functions are programmable.
> The mic instructions refer you to the transceiver manual for programming
> information but the D7 manual only shows a schematic of the speaker/mic's
3
> switches. No info regarding their default functions and nothing about how
to
> re-assign them. The defaults seems to be A/B band switching, VFO/Call
> channel switching, and something else that didn't appear too useful.
>
> Anyone know if it's possible to re-assign the buttons? Perhaps via the
> Kenwood CDROM software & cable (I'm still waiting for my free one to
> arrive)?

It's in the manual. With the buttons unlocked, turn the D7 on with the
button you want programmed pressed down. It'll blink PFn (where n=1 - 3).
Press the buttons for the function you want stored in the button. I use
the following:

1   -   Band Switch
2   -   VFO/MR Toggle
3   -   Call

One problem I noticed this past weekend was that for some strange reason,
when receiving a signal and listening to it on the speaker mic, the D7
would suddenly change frequency! This happened twice. The radio was
sitting on the table in front of me, as was the speaker mic. Neither the
radio nor speaker mic were being touched. It seemed as though the sound of
the voice I was receiving was triggering the radio to switch frequencies.

Julian

You are currently subscribed to htaprs as: corknijnenburg@scg-inc.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] jumping freq in D700/D7

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Wed, 19 Apr 2000 18:45:27 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78725-2000.04.19-17.38.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Paging towers should have nothing to do with this situation.

I had a similar situation amonth ago, I lost most of my programming in my D700 (but not all) while driving down I-40 in rural western North Carolina. I watched it burp and toss most of my settings to the four winds. Since I have reprogrammed it, nothing more like that has happened.

However, I tried the W601 and W602 mods. I quickly replaced the resistor and wire when my GPS output was apparently crossed over my mic circuit, causing my voice to be obliterated by the data stream every second by my Garmin 12. In short, my suggestion is just don't do it.

Todd Ellis, N2XL

----- Original Message -----
From: "Cor Knijnenburg" <corknijnenburg@scg-inc.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'Julian M. Frost'" <jfrost@odaiko.ss.uci.edu>
Sent: Wednesday, April 19, 2000 5:42 PM
Subject: [htaprs] Re: D7A & 3 function speaker/mic

> Funny that you would say that, because the same thing happened to me in
the
> car. It just jumped frequency for no reason....
> Most of the time that it happened for me was when I drove by paging
towers.
>
> Ck KD5GIB

179. [htaprs] D700A & GPS using DB9

From: "G.W. Hester" <waynewx@c2i2.com>
Date: Wed, 19 Apr 2000 18:48:47
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78736-2000.04.19-18.49.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone used the DB9 connector on the D700 to hook up a GPS Unit instead of the 2.5mm connector?

I have a Garmin GPS40 with the power and data cable. The data connector is a DB9 with pin 2=data out fm GPS, pin3=data in fm GPS and pin5=Ground fm GPS. This would equal to RXD,TXD and Ground on the D700 DB9.

Any assistance would be appreciated.

Wayne
ke7ku@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] D-7 Function Speaker Mic

From: "Peter Anderson" <fire_rescue_ems1@netzero.net>
Date: Wed, 19 Apr 2000 17:48:28 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78739-2000.04.19-18.58.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone give me the part number of the mic? I have yet to receive the new catalogue from HRO.

Thanks.

Peter

_____
NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email

http://www.netzero.net/download/index.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] Re: D7A & 3 function speaker/mic

From: "Walter Dunckel" <walter@radiohound.com>
Date: Wed, 19 Apr 2000 17:09:37 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78741-2000.04.19-19.28.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, you can reprogram those functions to do many things. This info can be
found on page 44 of the manual. This page covers Microphone Control. (This
is page 50 in acrobat). The manual can be downloaded from here:
http://216.98.255.24/Amateur/Instruction%20Manuals/

Enjoy,

Walter
http://www.radiohound.com

----- Original Message -----
From: "Dobbs, Mike" <mdobbs@amgen.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, April 19, 2000 10:07 AM
Subject: [htaprs] D7A & 3 function speaker/mic

> Just got my call sign today (3 weeks post Technician exam) so I'll be on
the
> air after work. I've spent the interim doing lots of listening and
learning
> about my D7.
>
> I picked up the Kenwood 3 function speaker/mic (can't recall the exact
name)
> for use with my D7. I can't figure out if the functions are programmable.
> The mic instructions refer you to the transceiver manual for programming
> information but the D7 manual only shows a schematic of the speaker/mic's
3
> switches. No info regarding their default functions and nothing about how
to
> re-assign them. The defaults seems to be A/B band switching, VFO/Call
> channel switching, and something else that didn't appear too useful.
>
> Anyone know if it's possible to re-assign the buttons? Perhaps via the
> Kenwood CDROM software & cable (I'm still waiting for my free one to
> arrive)?
>
> I will be using my D7 a lot in my car. I've fashioned a cellphone style
> mount that works quite well. I was hoping to use the speaker/mic while
> mobile, but the more I play with it, the less I like it while driving.
What
> do most HT users use while mobile...headset/boom mic with VOX/PTT or
lapel
> mics?
>
>
> Mike Dobbs A.K.A. KG6BCP
>
>
> ---
> You are currently subscribed to htaprs as: walterd@radiohound.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Read the message PALM PC's and APRS

From: "Kent Hufford" <khufford@erols.com>
Date: Wed, 19 Apr 2000 22:43:05 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78743-2000.04.19-19.45.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Yes, but you made the mistake of actually believing the rep."

DID NOT make a mistake!! Never said I did believe!! "..which the rep. said
was not Win CE.."

RTM.

It was the HP rep. not the Microsoft rep.

All these messages of attack between the Palm Pilot/CE/don't have anything
crowd, reminds me of the ICOM 756PRO debates/attacks on the ICOM reflector.

jezz

Kent

-----Original Message-----
From: bounce-aprssig-2040@lists.tapr.org
[mailto:bounce-aprssig-2040@lists.tapr.org]On Behalf Of Rich Mulvey
Sent: Wednesday, April 19, 2000 11:47 AM
To: TAPR APRS Special Interest Group
Cc: TAPR Hot Technology APRS
Subject: [aprssig] RE: [htaprs] PALM PC's and APRS

On 18-Apr-2000 Kent Hufford wrote:
> I went to the FOSE show today(Federal Computer show in DC) and got to play
> with one of the NEW Windows based Palm PCs that will be released on WED,
19
> APR.
>
> I have and love my Palm Pilot IIIc (color). I have not liked the Windows
CE
> boxes.
>
> However, the NEW PALM "PCs" may have finally beat out the Palm Pilots.
>
> The new Palms, at least the one I played with from one manufacture is
color,
> has a PCMCIA slot, serial port, USB port, stereo headphone jack.
>
> Same shape and almost the same size as the Pilot. Has a docking station
like
> the Pilot.
>
> Runs a "new" version of Windows CE, which the rep. said was NOT CE.... but
> more like Windows.
>
> Has built-in versions of Office, Outlook, yada, yada yada. Comes WITH a
> mapping program.
>
> All for $499. That's $50 more than a IIIc.
>
> Looks like it will be a great APRS platform!

   Yes, but you made the mistake of actually believing the rep. :-)

   The OS is *still* Windows CE. However, Microsoft has crashed and burned
so
incredibly badly in the pocket market that they've been forced to rename it
to
distance themselves from the WinCE debacle. It doesn't surprise me that the
reps are stooping to lies about the OS.

- Rich

You are currently subscribed to aprssig as: KHUFFORD@EROLS.COM
To unsubscribe send a blank email to leave-aprssig-2040T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] Re: D700A & GPS using DB9

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Thu, 20 Apr 2000 05:10:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78795-2000.04.20-04.04.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You only need pin 2 and ground, and thus the separate 2-conductor plug will work for you. I tried using the DB9 and it didn't work for this application. you're going to have to hack off one end of the cable and attach that silly jack to it I'm afraid...that's what we have all been doing.

Todd Ellis, N2XL

----- Original Message -----
From: "G.W. Hester" <waynewx@c2i2.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, April 19, 2000 6:48 PM
Subject: [htaprs] D700A & GPS using DB9

> Has anyone used the DB9 connector on the D700 to hook up a GPS Unit instead
> of the 2.5mm connector?
>
> I have a Garmin GPS40 with the power and data cable. The data connector is
> a DB9 with pin 2=data out fm GPS, pin3=data in fm GPS and pin5=Ground fm
> GPS. This would equal to RXD,TXD and Ground on the D700 DB9.
>
> Any assistance would be appreciated.
>
> Wayne
> ke7ku@arrl.net
>
> ---
> You are currently subscribed to htaprs as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] Re: D700A & GPS using DB9

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 20 Apr 2000 09:05:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78813-2000.04.20-09.09.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I opened up my DB9 and soldered on a pig tail that terminates to a 2.5mm connector. This way I can use the gps with the computer or radio.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Todd Ellis [SMTP:tellis6@bellsouth.net]
> Sent: Thursday, April 20, 2000 4:11 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D700A & GPS using DB9
>
> You only need pin 2 and ground, and thus the separate 2-conductor plug
> will

> work for you. I tried using the DB9 and it didn't work for this
> application. you're going to have to hack off one end of the cable and
> attach that silly jack to it I'm afraid...that's what we have all been
> doing.
>
> Todd Ellis, N2XL
>
> ----- Original Message -----
> From: "G.W. Hester" <waynewx@c2i2.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Wednesday, April 19, 2000 6:48 PM
> Subject: [htaprs] D700A & GPS using DB9
>
>
> > Has anyone used the DB9 connector on the D700 to hook up a GPS Unit
> instead
> > of the 2.5mm connector?
> >
> > I have a Garmin GPS40 with the power and data cable. The data connector
> is
> > a DB9 with pin 2=data out fm GPS, pin3=data in fm GPS and pin5=Ground fm
> > GPS. This would equal to RXD,TXD and Ground on the D700 DB9.
> >
> > Any assistance would be appreciated.
> >
> > Wayne
> > ke7ku@arrl.net
> >
> > ---
> > You are currently subscribed to htaprs as: tellis6@bellsouth.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] SSID Routing.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 20 Apr 2000 10:44:07 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78816-2000.04.20-09.46.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The D700 has a new feature for APRS networking that has not yet been
exploited. My original vision for APRS routing back in 1994 proposed the
WIDEn-N and SSID routing mechanisms. PacComm added Callsign substitution,
then Kantronics implemented the WIDEn-N and now Kenwood has implemented
the SSID routing in the D700.

ALl Mic-E's and Kenwood D7 and D700's and all other TNC's can take
advantage of this SSID routing technique.

One power of the SSID routing is the further shortening of packets by
eliminating the 7 Byte DIGIpeater callsign from every packet. This is
like WIDEn-N but you only use the N. Here is how it helps the APRS
network for a four hop Mic-E packet.

1994: W4APR>APRS,DIGIONE,DIGITWO,DIGITRE,DIGIFOR:'lllcst/$
1997: W4APR>APRS,SUBSONE,SUBSTWO,SUBSTRE,SUBSFOR:'lllcst/$
1998: W4APR>APRS,WIDE4-4:'lllcst/$
2000: W4APR>APRS-4:'lllcst/$

Notice the more than 50% shortening of the packet. And even the 25%
savings over a WIDEn-N.

The other feature of the SSID method is in NORTH/SOUTH/EAST/WEST
directional routing. The SSID's between 8 and 11 choose these directions
and the SSID's between 12 and 15 select additional hops in these chosen
directions.

In the D700 you will notice 4 additional UNPROTO paths labeled NPATH,
SPATH, EPATH and WPATH for the 4 directions. If the digi sets these to a

fixed digipeter path in those directions, then an incoming packet with
SSID = 8 (NORTH) will then be routed by the NPATH, etc. If the SSID is
12 (NORTH+) then the NPATH will be used PLUS an additional WIDE is added
on the end.

Notice, the SSID digipeater code in the D700 only applies when that D700
is used as a FIXED DIGIPEATER. These DIGI settings do not apply to the
user while he is mobile. But if somone installs a D700 DIGI network, then
mobile D7 or D700 users simply select their outgoing PATH as the single
digit N to use this capability.

As we go to more and more users, and therefore smaller DIGI areas, these
compact and effecient routing methods may not be as necessary as they were
originaly envisioned. But for special applications where you can put up a
network of D700 digis, this may help improve channel loading. Also
others of you writing "smart" digipeater code should consider implemening
these in your digi...

If anyone experiments with these methods we would like to hear of your
experiences.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] Re: D7A & 3 function speaker/mic

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Thu, 20 Apr 2000 10:57:04 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'jfrost@odaiko.ss.uci.edu'" <jfrost@odaiko.ss.uci.edu>
Message-ID: <LYR845-78819-2000.04.20-10.02.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had the same problem last summer until someone suggested that I set the
switch on the back of the mic to enable the buttons. It's not the best
solution since the programmable buttons are always enabled but that fixed my
problem.

Daniel
> ----------
>
> Subject: Re: D7A & 3 function speaker/mic
> From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
> Date: Wed, 19 Apr 2000 12:57:40 -0700 (PDT)
> X-Message-Number: 5
>
> On Wed, 19 Apr 2000, Dobbs, Mike wrote:
> > I picked up the Kenwood 3 function speaker/mic (can't
> recall the exact name)
> > for use with my D7. I can't figure out if the functions are
> programmable.
> > The mic instructions refer you to the transceiver manual
> for programming
> > information but the D7 manual only shows a schematic of the
> speaker/mic's 3
> > switches. No info regarding their default functions and
> nothing about how to
> > re-assign them. The defaults seems to be A/B band
> switching, VFO/Call
> > channel switching, and something else that didn't appear too useful.
> >
> > Anyone know if it's possible to re-assign the buttons?
> Perhaps via the
> > Kenwood CDROM software & cable (I'm still waiting for my free one to
> > arrive)?
>
> It's in the manual. With the buttons unlocked, turn the D7 on with the
> button you want programmed pressed down. It'll blink PFn
> (where n=1 - 3).
> Press the buttons for the function you want stored in the
> button. I use
> the following:
>
> 1   -   Band Switch
> 2   -   VFO/MR Toggle

> 3   -   Call
>
>
> One problem I noticed this past weekend was that for some
> strange reason,
> when receiving a signal and listening to it on the speaker mic, the D7
> would suddenly change frequency! This happened twice. The radio was
> sitting on the table in front of me, as was the speaker mic.
> Neither the
> radio nor speaker mic were being touched. It seemed as though
> the sound of
> the voice I was receiving was triggering the radio to switch
> frequencies.
>
> Julian
>
>
> --

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] D700 P.MON

From: "Bob Schellhorn" <bobschell@earthlink.net>
Date: Thu, 20 Apr 2000 11:10:25 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78838-2000.04.20-12.12.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings;
    I have a question about the P.MON function on the Kenwood D700. If you have this turned on and waiting to log raw aprs messages, why is there a cmd: line displayed along with a date / time stamp every 21 seconds exactly? This only fills up the buffer and shifts out any old aprs data you may have had in the buffer. And more important, is there a way to turn off these cmd lines? Appreciate any help. Thanks
     Bob N0TI

188. [htaprs] Re: D700 P.MON

From: Dennis Hudson <dennis@zone5.com>
Date: Thu, 20 Apr 2000 13:45:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78840-2000.04.20-12.48.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You think that's bad, you should see my pmon fill up nearly instantly with

$GPRMC,231206,A,3820.9939,N,07624.4219,W,0.000,0.0,100199,10.9,W*40
GPSTEXT was $GPGGA

Then followed by

$GPGGA,231207,3820.9939,N,07624.4219,W,1,04,1.23,-35.1,M,-33.9,M,,*55 with
GPSTEXT was $GPRMC

I have a tripmate which I assume that I cannot control what gps sentences
come out of it, so It constantly changes the GPStext on the TNC I hope I'm
not messing anything up or beating up the processor with this setup. Is
anyone else using a tripmate with D700 see the same thing? Is there a way to
force the D700 or tripmate to only use one kind of GPS string without adding
a PIC processor for the data stream? Do I always have to look at the GPS
stream in PMon?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

189. [htaprs] Re: D700 P.MON

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 20 Apr 2000 14:40:21 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-78846-2000.04.20-13.41.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Greetings;
 >   I have a question about the P.MON function on the Kenwood D700. If
 you have this turned on and waiting to log raw aprs messages, why is

there a cmd: line displayed along with a date / time stamp every 21
seconds exactly?

The CPU must interrupt the TNC each time it wants go get a GPS fix. SO
the P.MON mode will see all the internal CPU to TNC handshaking going
on...

You will also see the changes in UNPROTO mode each time a message is sent.

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] Sunsat passes for 20/4 and 21/4 (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 20 Apr 2000 17:01:23 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-78874-2000.04.20-16.02.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For APRS satellite testing, notice that they have added Australia

---------- Forwarded message ----------
From: Johann Lochner

Please find the schedule for the next 24 hours below. All times are
UTC. The uplink is 436.291 MHz and the downlink 145.825 MHz. Unless
indicated otherwise, UI streaming of raw image data, digipeating and
APRS messages will be active / enabled during these passes:

Australia

20/04/2000-20:58:00
20/04/2000-22:36:00
21/04/2000-00:17:00
21/04/2000-08:06:00
21/04/2000-09:42:00 Voice repeater
21/04/2000-11:20:00

Japan

20/04/2000-21:18:00
20/04/2000-22:55:00
21/04/2000-09:26:00
21/04/2000-11:03:00 Voice repeater
21/04/2000-12:43:00

North America

20/04/2000-23:26:00
21/04/2000-01:04:00
21/04/2000-02:44:00 Voice repeater
21/04/2000-04:23:00
21/04/2000-12:17:00
21/04/2000-13:55:00
21/04/2000-15:36:00

Johann Lochner, ZR1CBC
Sunsat SO-35 Control Operator

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] Kenwood D700 via Satellite

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 20 Apr 2000 19:40:49 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-78896-2000.04.20-18.41.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a list of the D700 TNC commands that are forced into the TNC in
APRS mode. All of these values in PACKET mode are REMEMBERED in their
previous state for when you go BACK to PACKET mode.

```
    8BITCONV ON
    AFILTER 0
    CR ON
    DIG ON/OFF
    DWAIT 0
    ECHO OFF
    FLOW ON
    GBAUD 4800/9600
    GPSFILT1 %
    GPSFILT2 %
    GPSFILT3 %
    GPSFILT4 %
    GPSMON OFF
    GPSTEXT $GPRMC/$GPGGA
    HBAUD 1200/9600
    HEADERLN OFF
    LOCATION E 0
    LOOP OFF
    LTEXT %
    LTMHEAD OFF
    LTMON OFF/ON
    MCOM OFF
    MCON OFF
    MONITOR ON
    MYCALL callsign
    PACLEN 128
    PPERSIST ON
    SENDPAC $0D
    TXDELAY 50
    TXUIFRAM ON
    UNPROTO APK101 V path
    UIDIGI ON/OFF,call,call,....
    XFLOW OFF
    XMITOK ON
```

But it is also important to note that BEFORE the radio WRITES these new
TNC parameters to the TNC in APRS mode, it SAVES in EEPROM the previous
values that were there from TNC-PACKET mode. Thus, when you operate
TNC-PACKET mode you will always get your last settings, even if some of
those are changed when you go ina-and-out of TNC-APRS mode.

Hope this helps.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] D700 - Auto Power Off (APO) doesn't work

From: Richard Parry <rparry@qualcomm.com>
Date: Thu, 20 Apr 2000 22:02:09 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-78939-2000.04.21-00.03.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I enabled Automatic Power Off APO feature on my D700 and expected it to
turn itself off after 3 hours as indicated in the manual on page 70. It has
been on 10+ hours and I haven't touched it. Are there some circumstances
that keep it ON even when the APO item is selected.

thanks in advance,
Rich Parry, W9IF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] SUNSAT VOICE/PTT mode!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 21 Apr 2000 08:53:37 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-78971-2000.04.21-07.54.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great news everyone!

On Thu, 20 Apr 2000, Jim Gill wrote:
> Also I had the APRS mode on during the pass and copied WB3ANQ-3 from FM19
> with an APRS QRT @210104z status packet. Didn't think of trying to get my
> beacon off during the voice mess but may try next pass.

Last night while operating SUNSAT VOICE REPEATER mode in my van I was
surprised to see my D700 flash a posit from WB3ANQ. I never "heard" it on
the downlink, but there it was. So SUNSAT Voice repeater appears to have
enough audio bandwidth to pass 9600 baud as well.

THIS MEANS we can run 9600 baud PTT mode and if our VOICE gets through,
then our 100ms "APRS" identifier will get through TOO! AND it won't sound
like packet so the VOICE users will not be the wiser. I am not advocating
using "APRS" on VOICE satellites, but it does not hurt to have the 100ms
ID on the end of your transmissions if you are going to be using VOICE
anyway!

See ya on the bird!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] Re: [aprssat] SUNSAT VOICE/PTT mode!

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Fri, 21 Apr 2000 11:31:11 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-79042-2000.04.21-13.32.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob, I would suggest that ID/position AFTER voice is really the only
proper way to use a voice repeater with APRS. You might want to tread
slowly with this one! Cliff K7RR

On Fri, 21 Apr 2000, Bob Bruninga wrote:

> Great news everyone!
>
> On Thu, 20 Apr 2000, Jim Gill wrote:
> > Also I had the APRS mode on during the pass and copied WB3ANQ-3 from FM19
> > with an APRS QRT @210104z status packet. Didn't think of trying to get my
> > beacon off during the voice mess but may try next pass.
>
> Last night while operating SUNSAT VOICE REPEATER mode in my van I was
> surprised to see my D700 flash a posit from WB3ANQ. I never "heard" it on
> the downlink, but there it was. So SUNSAT Voice repeater appears to have
> enough audio bandwidth to pass 9600 baud as well.
>
> THIS MEANS we can run 9600 baud PTT mode and if our VOICE gets through,
> then our 100ms "APRS" identifier will get through TOO! AND it won't sound
> like packet so the VOICE users will not be the wiser. I am not advocating
> using "APRS" on VOICE satellites, but it does not hurt to have the 100ms
> ID on the end of your transmissions if you are going to be using VOICE
> anyway!
>
> See ya on the bird!
>
> de WB4APR, Bob
>
>
>
>
> ---

> You are currently subscribed to aprssat as: CBUTTSCH@SLONET.ORG
> To unsubscribe send a blank email to leave-aprssat-15094M@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] Re: [aprssat] SUNSAT VOICE/PTT mode!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 21 Apr 2000 16:04:33 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-79072-2000.04.21-15.08.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 21 Apr 2000, Clifford Buttschardt wrote:

> Bob, I would suggest that ID/position AFTER voice is really the only
> proper way to use a voice repeater with APRS. You might want to tread
> slowly with this one! Cliff K7RR

Yep, thats the way it works, and I agree, its politically sensitive...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] Re: D700 P.MON

From: Richard Parry <rparry@qualcomm.com>
Date: Fri, 21 Apr 2000 13:11:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-79074-2000.04.21-15.12.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the same problem with both a tripmate and other GPS units. I think
this is normal and no way to change it. I hope I am wrong however

At 01:45 PM 4/20/00 -0400, Dennis Hudson wrote:
>You think that's bad, you should see my pmon fill up nearly instantly with
>
>$GPRMC,231206,A,3820.9939,N,07624.4219,W,0.000,0.0,100199,10.9,W*40
>GPSTEXT was $GPGGA
>
>Then followed by
>
>$GPGGA,231207,3820.9939,N,07624.4219,W,1,04,1.23,-35.1,M,-33.9,M,,*55 with
>GPSTEXT was $GPRMC
>
>I have a tripmate which I assume that I cannot control what gps sentences
>come out of it, so It constantly changes the GPStext on the TNC I hope I'm
>not messing anything up or beating up the processor with this setup. Is
>anyone else using a tripmate with D700 see the same thing? Is there a way to
>force the D700 or tripmate to only use one kind of GPS string without adding
>a PIC processor for the data stream? Do I always have to look at the GPS
>stream in PMon?
>
>
>---
>You are currently subscribed to htaprs as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Rich Parry, W9IF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] Re: D700 - Auto Power Off (APO) doesn't work

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Fri, 21 Apr 2000 16:36:01 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-79125-2000.04.21-16.38.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Parry wrote:
>
> I enabled Automatic Power Off APO feature on my D700 and expected it to
> turn itself off after 3 hours as indicated in the manual on page 70. It has
> been on 10+ hours and I haven't touched it. Are there some circumstances
> that keep it ON even when the APO item is selected.
>
> thanks in advance,
> Rich Parry, W9IF
>
> ---

Is it not true that APO activates if the radio has not
heard any rf signals in the prescribe amount of time? I
would think that in a dual band radio, one would need
to live in my home town in Arkansas not to hear some
sort of activity in three hours! ;-)

73! Robbie

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] TH-D7A and WinAPRS with GPS

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sat, 22 Apr 2000 19:17:51 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-79308-2000.04.22-18.18.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do I set up WinAPRS for use with TH-D7A and GPS? I have been able to
run the radio alone, in packet mode, with WinAPRS but haven't hit the
secret yet on setup for using the GPS plugged into the GPS port of the
TH-D7A and have it send location fixes to WinAPRS. Thanks,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

199. [htaprs] DELORME Tripmate GPS w/TH-D7

From: "Jim L. Vaughan" <wa5jv@airmail.net>
Date: Sat, 22 Apr 2000 20:31:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-79334-2000.04.22-22.33.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently purchased the TH-D7 and have a Delorme Tripmate (early model)
that I would like to use to feed GPS for APRS. I cannot find any info
on the pin outs for data on the Tripmate cable that has
a DB-9 plug for a laptop connection. Delorme could not help
me as they say unit is only plug and play with their mapping
software and computer. (That system works well, but GPS is a power hog) It
is my hope that someone is running this GPS with the TH-D7 and can give me
the data pin out info to get the combo working, or recommend
a good reliable alternate GPS.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] Re: DELORME Tripmate GPS w/TH-D7

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sat, 22 Apr 2000 23:22:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-79338-2000.04.22-23.25.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Jim L. Vaughan" wrote:
>
> I recently purchased the TH-D7 and have a Delorme Tripmate (early model)
> that I would like to use to feed GPS for APRS. I cannot find any info
> on the pin outs for data on the Tripmate cable that has
> a DB-9 plug for a laptop connection. Delorme could not help
> me as they say unit is only plug and play with their mapping
> software and computer. (That system works well, but GPS is a power hog) It
> is my hope that someone is running this GPS with the TH-D7 and can give me
> the data pin out info to get the combo working, or recommend
> a good reliable alternate GPS.
>

I use that combination and it works very well.. Go to any of
the APRS web sites that have links to some excellent GPS
hookups for the correct hookup/mods you can or not make for
YOUR application...

One comes to mind, www.dididahdahditdit.com

Enjoy, es 73!

Robbie WA9INF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] Re: [aprssig] TH-D7A and WinAPRS with GPS

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sat, 22 Apr 2000 23:50:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-79341-2000.04.22-23.53.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John W Wilson wrote:
>
> How do I set up WinAPRS for use with TH-D7A and GPS? I have been able to
> run the radio alone, in packet mode, with WinAPRS but haven't hit the
> secret yet on setup for using the GPS plugged into the GPS port of the
> TH-D7A and have it send location fixes to WinAPRS. Thanks,
>
> John W. Wilson, KN4HX
> z004391b@bcfreenet.seflin.lib.fl.us
>

Hi John,

I used this mode a couple times myself. Not sure now, but
make sure you have the settings configured to except GPS
data.

Go to Settings/TNC/ and check GPS on VHF.. Also, I think you
have to click on PICO on VHF.. This all may be explained in
the Help File as well John..

Good Luck es 73

Robbie wa9inf

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Psion Series 3c Palmtop Computers & APRS ?

From: g7exz <g7exz@netscapeonline.co.uk>
Date: Sun, 23 Apr 2000 22:23:04 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-79451-2000.04.23-16.46.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all from a Ham in England interested in using APRS,
Is there anyone out there familiar with the Psion Series 3 Palmtop
Computers ? I am planning to buy the Kenwood TH-D7 Data Radio.
But, although I have found a split-screen Packet program (called PocPac
by Roger G0HZK, also for the Series 5) cannot find any APRS software for
it so if anyone out there knows of any can they please let me know.
73's
Stephen G7EXZ
g7exz@qsl.net
PS if there's anyone out there who can program in OPL etc for the EPOC
Operating Systems on the Psion's, there are a couple of possibilities as
there are to my knowledge two mapping programs already in existance
AutoRoute Express ver 1 by Microsoft or Mapper 3a by Steve Litchfield.
I'd be a willing Beta Tester as I have both!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] TH-D7A TXD

From: David VanHorn <dvanhorn@cedar.net>
Date: Sun, 23 Apr 2000 16:41:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-79453-2000.04.23-16.52.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

I found this the other night, purely by accident.
Would you believe, the default setting is 50? (500ms!!!)
You can change it with a computer, for that session, but it always gets
restored to 50.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOQOKIoFlGDz1l6VWEQJ8uACcD7BsXc5vQanNZWndIhp2KPqSlEQAoN0A
o6LMA18yva49A2lof5AmZt4B
=0AWw
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] Announcing TinyTrak

From: "Byon Garrabrant" <byon@mail.com>
Date: Sun, 23 Apr 2000 15:50:09 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-79465-2000.04.23-17.56.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After several months of development, and over a hundred beta
testers all around the world, I am pleased to finally announce
TinyTrak.

TinyTrak is an inexpensive APRS tracker which can be built using
relatively few parts. It replaces the need for a full TNC in a GPS
based tracker, and sends position both automatically, and/or
manually at the end of a voice transmission, like the MIM/MIC-
E/PIC-E. It is powered by a PIC16F84 microcontroller, and
operation parameters (callsign, path, timing, etc.) are set from a
Windows configuration program.

More details can be found at the TinyTrak web page at
http://www.byonics.com/tinytrak . The site contains a

downloadable ZIP file with firmware, software, schematic, pictures,
and documentation. The web site also contains a message board
for users to share questions and comments. A PCB is available
from FAR Circuits, and complete kits are available from the above
web site via credit card.

Thanks to all the beta testers who sent me comments, questions,
recommendations, and confirmations of a successful project.
Please do not re-distribute the zip file or the contents. TinyTrak is
for personal, non-commercial use only.

73,
Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] Re: Psion Series 3c Palmtop Computers & APRS ?

From: Carl <carl_mail@dr.com>
Date: Mon, 24 Apr 2000 17:25:03 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-79678-2000.04.24-11.23.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There isnt much happening with EPOC16 any more - I did make a start
with a text only aprs system for the 3a/c/m but that fell by the wayside-
I keep meaning to resurrect it :(It uses Roger Muggletons comms routines
from pocpac actually.. good egg is Roger.

The UIVIEW message format was a PITA to operate from the psions terminal
program, but APRS format messaging is fairly easy if you capture some
samples and look at it - you can even manually type ACK messages. Appeals
to my pioneering instinct - I was doing that mobile ...eeeee before the
THD7 even was a twinkle....etc.etc..

Of course the compressed and MICE packets wont make any sense, but
the conventional ones can be decoded by eye.

As regards mapper3a, that does a nice job of showing your location
when you connect a GPS. It keeps my 10y old quiet on long journeys.. :)

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] WHAT'S THE FREQUENCY, KENNETH ???????????- The QSO

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Mon, 24 Apr 2000 13:22:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "qsl-announce@qth.net" <qsl-announce@qth.net>,
        "scanner@qth.net" <scanner@qth.net>, STEVE H <Steve@NewsChannel9.com>
Message-ID: <LYR845-79686-2000.04.24-12.18.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

www.frequencymovie.com

[PR:857] Frequency, a review
"Frequency" is an imaginative fantasy based on the complex
 relationship between fathers and sons.
>From a ham radio standpoint, given the movie's conceit, it could hardly
 have been better. The conceit is, of course, communicating through
 time, in this case the son in 1999 and the ham father, W2QYV I think, in 1969.
     It's hard to believe that this movie was not written by a ham, or
 perhaps the son of a ham. Here is a picture which in an oblique way will
 convey the lure of ham radio to the uninitiated. Long suffering spouses of
 hams should leave the theatre nodding and smiling.
      Any ham club which can get it together to give demonstrations of
 ham radio in action in front of theatres playing "Frequency" should get a
 lot of interaction from the crowds leaving the movie. Since a number of
 equipment manufacturers are offering prizes for the best ham demo, and since it's a

very entertaining film, any club with the ability should make arrangements ASAP for a "movie field day." There is a terrific PR opportunity here.

The director and writer take care at the beginning of the ham radio sequences to go pretty much by the book, but as the movie progresses they move slightly farther from real ham operating procedures as the movie itself moves farther from day to day reality. There's a wonderful scen where little kids "want to talk on the radio."

Starring Dennis Quaid in perhaps his most moving performance ever as the firefighter ham from the 60's and relative newcomer Jim Caviezel as his son who's not a ham but knows how to push the mic button, "Frequency" moves at just the right pace for the audience to follow the complex happenings on screen.

There's a serial killer sub plot which will undoubtedly annoy some real critics, but from my perspective it worked just great, heightening the tension and picking up the pace as it shifted ever back and forth between the 90's and the 60's.

There's no doubt that the ending is a bit saccharine, but it is a fantasy after all, and ends as all but the most cynical want fantasies to end.

Baseball fans will enjoy this picture almost as much as hams because an important plot turn involves "predicting" the outcome of the Mets-Orioles World Series of '69.

The acting is uniformly good, with Shawn Doyle really creepy as a demented killer and Andre Braugher very believable as a cop in both the 60's and the 90's. (Like all of us, 30 years has made him a little porky.)

As my friend Alan Kaul, W6RCL, said as we left the preview, "It's a really good example of the law of unintended consequences." And if you don't know what that means now, you will when you see the movie. And I urge you to see it the first weekend it's released. I hope you enjoy it as much as I did. I'm going again. CU at the movies.

73,

Dave, W6AQ

==========

A number of clubs are planning amateur radio demos at theaters
where the movie will be playing. What about your club.
The League in cooperation with a number of
manufacturers are offering prizes for the best exhibit.
See www.arrl.com for more details.

==========

WHAT'S THE FREQUENCY, KENNETH ???????????
Local club putting together a special event station/educational/informational
one stop event @ local mall/cineplex.....HF/VHF/APRS/Packet/ATV/SSTV
A virtual "Taste of Ham Radio".....Any Ideas on a "national" QSO FREQUNCY?
Need 80/40/20/15/10 in General section of band to voice QSO with other
stations doing the same thing.....would be easier for mike shy "civilians" to
discuss movie twix & tween.....Who knows? Maybe one of those MAXIMUM
SOLAR FLUXXES might hook us up to the old man, W1AW hisself.....???!!!!

73 de

KD4EHC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] D700

From: "Larry Bateman" <lbateman@preco.com>
Date: Mon, 24 Apr 2000 12:35:45 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-79705-2000.04.24-13.33.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Need some information concerning the TM-D700A as a digi.

Will the D700 digi a WideN-N path? If so, what settings have to be made? Had Digipeater "ON", UIDIGI "Relay, Wide".

The reason I am asking, over the weekend we were attempting to set up locations for digis for a bike race in June. We had a D700 set on a mountain with a good view of the course and it would not digi the position of the vehicle on the course. The vehicle was using a wide3-3 path and would not digi thru the D700 but when changed to a relay,wide path all was well.

Thanks for all information,
Larry KB7WWP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] Re: D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 24 Apr 2000 17:10:55 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-79728-2000.04.24-16.13.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No, its UIDIGI only. Not UIflood or UItrace...

Bob

On Mon, 24 Apr 2000, Larry Bateman wrote:

> Need some information concerning the TM-D700A as a digi.
>
> Will the D700 digi a WideN-N path? If so, what settings have to be made? Had Digipeater "ON", UIDIGI "Relay, Wide".
>
> The reason I am asking, over the weekend we were attempting to set up locations for digis for a bike race in June. We had a D700 set on a mountain with a good view of the course and it would not digi the position of the vehicle on the course. The vehicle was using a wide3-3 path and would not digi thru the D700 but when changed to a relay,wide path all was well.
>
> Thanks for all information,
> Larry KB7WWP
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] D700

From: "Larry Bateman" <lbateman@preco.com>
Date: Mon, 24 Apr 2000 16:28:56 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-79737-2000.04.24-17.28.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all that answered my question. What a shame that it won't WIDEn-n.

Larry
KB7WWP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] UIDIGI16.ZIP source

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Tue, 25 Apr 2000 08:24:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'wa1lou'" <wa1lou@arrl.net>
Message-ID: <LYR845-79878-2000.04.25-08.26.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In my May QST Digital Dimension column, the link I mention for downloading UIDIGI16.ZIP is kaput. As an alternative, you may download UIDIGI16.ZIP from the TAPR Web site directory
ftp://ftp.tapr.org/software_lib/tnc/

The accompanying text file, uidigi16.txt, can also be downloaded from the same directory.

73,

Stan, WA1LOU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

211. [htaprs] Re: Station waypoints

From: "K.Hirschelmann" <k.hirschelmann@mainz.netsurf.de>
Date: Tue, 25 Apr 2000 21:42:49 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-79957-2000.04.25-15.04.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,
last year in this group there was a discussion regarding the following
subject :
Which Garmin products show received APRS stations as waypoints on their
moving maps while connected to a TH-D7 (This radio can send
$GPWPL-Type NMEA-Protocols towards a GPS-Receiver)?

What i couldn't find was the final answer for all the actual models.

As far as i know, it works fine with the GPS III, GPS III+ and also
other elder models without map-display (like GPS II, GPS II+ aso.)

I am NOT sure about the Streetfinder and the new interesting GPS 162.

The eMap is said to be NOT usable.

Who can help ?
Klaus DJ7OO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

212. [htaprs] Re: Station waypoints

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Tue, 25 Apr 2000 14:31:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-79959-2000.04.25-15.32.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Garmin Streetpilot Colormap does NOT display received APRS stations from
the D700 :-(....

Just thought I would let you know,

Jim Olsen
jolsen@novonyx.com

> -----Original Message-----
> From: bounce-htaprs-7324@lists.tapr.org
> [mailto:bounce-htaprs-7324@lists.tapr.org]On Behalf Of K.Hirschelmann
> Sent: Tuesday, April 25, 2000 3:43 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Station waypoints
>
>
> Hello,
> last year in this group there was a discussion regarding the following
> subject :
> Which Garmin products show received APRS stations as waypoints on their
> moving maps while connected to a TH-D7 (This radio can send
> $GPWPL-Type NMEA-Protocols towards a GPS-Receiver)?
>
> What i couldn't find was the final answer for all the actual models.
>
> As far as i know, it works fine with the GPS III, GPS III+ and also
> other elder models without map-display (like GPS II, GPS II+ aso.)
>
> I am NOT sure about the Streetfinder and the new interesting GPS 162.
>
> The eMap is said to be NOT usable.
>

> Who can help ?
> Klaus DJ7OO
>
>
>
> ---
> You are currently subscribed to htaprs as: jolsen@novonyx.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

213. [htaprs] Re: Station waypoints

From: "Bill Reed" <bill@freenet.carleton.ca>
Date: Wed, 26 Apr 2000 06:17:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80062-2000.04.26-05.18.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The APRS stations "waypoints" make my GPS III pilot map almost unreadable
when zoomed out.
Yes APRS stations are displayed and stored on the GPS III pilot.

Bill
ve3dw@rac.ca

 Subject: Re: Station waypoints
> From: "K.Hirschelmann" <k.hirschelmann@mainz.netsurf.de>
> Date: Tue, 25 Apr 2000 21:42:49 +0000
> X-Message-Number: 2
>
> Hello,
> last year in this group there was a discussion regarding the following
> subject :
> Which Garmin products show received APRS stations as waypoints on their
> moving maps while connected to a TH-D7 (This radio can send
> $GPWPL-Type NMEA-Protocols towards a GPS-Receiver)?
>
> What i couldn't find was the final answer for all the actual models.
>
> As far as i know, it works fine with the GPS III, GPS III+ and also
> other elder models without map-display (like GPS II, GPS II+ aso.)
>
> I am NOT sure about the Streetfinder and the new interesting GPS 162.
>
> The eMap is said to be NOT usable.
>
> Who can help ?
> Klaus DJ7OO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

214. [htaprs] Some Questions.....

From: Jack Chomley <chomley@telelink.com.au>
Date: Wed, 26 Apr 2000 21:54:00 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80068-2000.04.26-06.39.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi APRSologists,

Have just subscribed to the list......
First of all, are there any searchable archives etc?
Next........I am considering the purchase of a new
Kenwood TH-D7 HT and have some questions.
Is there a dry cell battery holder available?
Has anyone used a duplexer, with 2 seperate antennas?
The Australian agent quoted AUD$180 for the PC cable,
is there a cheaper alternative?
Can this radio be used on 9600 baud FM Sats (UO22, KO23, KO25 etc)?

Any help appreciated

Jack Chomley
VK4JRC
Garmin38, Palm IIIx, Psion 3MX, ICOM IC-Q7A, HandiPacket V2.7, Tiny 2 V5.0

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] Re: Some Questions..... d7a

From: RASNM@aol.com
Date: Wed, 26 Apr 2000 08:43:27 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80082-2000.04.26-07.45.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 4/26/00 5:39:40 AM Mountain Daylight Time,
chomley@telelink.com.au writes:

<< Is there a dry cell battery holder available? >>

yes, 73 - ron

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

216. [htaprs] Re: Some Questions.....D7A cell holder

From: RASNM@aol.com
Date: Wed, 26 Apr 2000 08:59:16 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80084-2000.04.26-08.01.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 4/26/00 5:39:40 AM Mountain Daylight Time,
chomley@telelink.com.au writes:

<< Is there a dry cell battery holder available? >>

I have one, but between the rechargable battery and the Kenwood 12v adapter,
I have never used it, I suppose it will be good for an emergency. It is
listed in the AES Catalog as BT-11 - "4 AA battery holder" $us 17.95

Here is the AES web page, I dont know if it is listed there:

 <A HREF="http://www.aesham.com/">Amateur Electronic Supply</A>

73 - Ron
kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

217. [htaprs] Re: Some Questions.....

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 26 Apr 2000 09:00:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-80085-2000.04.26-08.02.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 26 Apr 2000, Jack Chomley asked about the THD7:

> Can this radio be used on 9600 baud FM Sats (UO22, KO23, KO25 etc)?

Yes, Just hook to 2m 20" vertical whip antenna on the roof of your car
and using your laptop you will receive 9600 baud packets from all 5 of the
9600 baud birds. WIth the existing THD7, you cannot transmit (TNC is not
wired for cross band ops). But it makes a great 9600 baud PACSAT
receiver..

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

218. [htaprs] RE: htaprs digest: April 25, 2000

From: Leonard Vasey <Leonard.Vasey@mail.sprint.com>
Date: Wed, 26 Apr 2000 08:05:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80088-2000.04.26-08.09.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In order to show received stations from APRS radios the GPS receiver needs to be two way NMEA complaint. The Streetpilot and E-map series of receivers are NMEA out only. That is they can send out from the GPS the NMEA data stream but can not receive NMEA data in. I asked Garmin way theses units were not NMEA in and out and they said it was due to limited code space in the units. You can go to the Garmin web site and look at manuals for any of their GPS receivers and if they do not have NMEA in and out capability, especially the NMEA in they will not display received APRS stations.

> -----Original Message-----
> From: htaprs [mailto:htaprs@lists.tapr.org]
> Sent: 26 April, 2000 1:01 AM
> To: htaprs
> Cc: htaprs
> Subject: htaprs digest: April 25, 2000
>
> TAPR Hot Technology APRS Digest for Tuesday, April 25, 2000.
>
> 1. UIDIGI16.ZIP source
> 2. Re: Station waypoints
> 3. Re: Station waypoints
>
> ----------
> ----
>
> Subject: UIDIGI16.ZIP source
> From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
> Date: Tue, 25 Apr 2000 08:24:45 -0500
> X-Message-Number: 1
>
> In my May QST Digital Dimension column, the link I mention for
> downloading UIDIGI16.ZIP is kaput. As an alternative, you may
> download UIDIGI16.ZIP from the TAPR Web site directory
> ftp://ftp.tapr.org/software_lib/tnc/
>
> The accompanying text file, uidigi16.txt, can also be downloaded
> from the same directory.
>
> 73,
>
> Stan, WA1LOU
>
>
> ----------
> ----
>
> Subject: Re: Station waypoints
> From: "K.Hirschelmann" <k.hirschelmann@mainz.netsurf.de>
> Date: Tue, 25 Apr 2000 21:42:49 +0000
> X-Message-Number: 2
>
> Hello,
> last year in this group there was a discussion regarding the
> following
> subject :
> Which Garmin products show received APRS stations as waypoints on
> their
> moving maps while connected to a TH-D7 (This radio can send
> $GPWPL-Type NMEA-Protocols towards a GPS-Receiver)?
>
> What i couldn't find was the final answer for all the actual
> models.
>
> As far as i know, it works fine with the GPS III, GPS III+ and
> also
> other elder models without map-display (like GPS II, GPS II+ aso.
>)

I am NOT sure about the Streetfinder and the new interesting GPS
162.

The eMap is said to be NOT usable.

Who can help ?
Klaus DJ7OO

Subject: Re: Station waypoints
From: "Jim Olsen" <jolsen@novonyx.com>
Date: Tue, 25 Apr 2000 14:31:41 -0600
X-Message-Number: 3

The Garmin Streetpilot Colormap does NOT display received APRS
stations from
the D700 :-(....

Just thought I would let you know,

Jim Olsen
jolsen@novonyx.com

> -----Original Message-----
> From: bounce-htaprs-7324@lists.tapr.org
> [mailto:bounce-htaprs-7324@lists.tapr.org]On Behalf Of
K.Hirschelmann
> Sent: Tuesday, April 25, 2000 3:43 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Station waypoints
>
>
> Hello,
> last year in this group there was a discussion regarding the
following
> subject :
> Which Garmin products show received APRS stations as waypoints
on their
> moving maps while connected to a TH-D7 (This radio can send
> $GPWPL-Type NMEA-Protocols towards a GPS-Receiver)?
>
> What i couldn't find was the final answer for all the actual
models.
>
> As far as i know, it works fine with the GPS III, GPS III+ and
also
> other elder models without map-display (like GPS II, GPS II+
aso.)
>
> I am NOT sure about the Streetfinder and the new interesting GPS
162.
>
> The eMap is said to be NOT usable.
>
> Who can help ?
> Klaus DJ7OO
>
>
>
> ---
> You are currently subscribed to htaprs as: jolsen@novonyx.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
>
>

END OF DIGEST

You are currently subscribed to htaprs as:
Leonard.Vasey@mail.sprint.com
To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
 << File: htaprs digest_ April 25, 2000.TXT >>

219. [htaprs] Some Questions.....Replies!!

From: Jack Chomley <chomley@telelink.com.au>
Date: Thu, 27 Apr 2000 00:09:05 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80093-2000.04.26-08.53.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi APRSologists,

Thanks everyone for the replies.....my questions have been
answered...now its time to flex the "plastic" and make the
purchase. I have a warm and fuzzy feeling already!

Jack Chomley
VK4JRC (about to add another toy to the collection!)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

220. [htaprs] RE: htaprs digest: April 25, 2000

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 26 Apr 2000 09:03:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-80112-2000.04.26-10.05.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Leonard Vasey wrote:

> The Streetpilot and E-map series of receivers are NMEA out only. That is
> they can send out from the GPS the
> NMEA data stream but can not receive NMEA data in. I asked Garmin way
> theses units were not NMEA in and out and they said it was due to limited
> code space in the units.

While this argument is reasonable for the bargain-bin E-map, the idea that
the Streetpilot, at it's price point, is "code space limited" is absurd.
This feature's in the 12XL for crying out loud. Code space required to
parse a waypoint sentence is vanishingly small.

The real reason is that Garmin simply does not know how many sales of a
high end GPS they are losing by not supporting this very simple feature.
If they knew, I expect that a firmware release addressing this issue would
magically appear.   They have a reputation for correcting their mistakes,
when informed of them.
--
Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] RE: htaprs digest: April 25, 2000

From: "Larry Bateman" <lbateman@preco.com>
Date: Wed, 26 Apr 2000 09:20:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-80115-2000.04.26-10.17.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian,

Garmin knows that they are missing out on a market potential here. Myself and several other hams I know
have written Garmin expressing that we were not purchasing the Streetpilot because of lack of an NMEA IN
 feature. This we did well over a year ago. More than enough time for them to correct the problem. They
either do not care or can not do anything about it.

Larry
KB7WWP

>>> Brian Badger <Brian.Badger@wcom.com> 04/26/00 09:03AM >>>
Leonard Vasey wrote:

> The Streetpilot and E-map series of receivers are NMEA out only. That is
> they can send out from the GPS the
> NMEA data stream but can not receive NMEA data in. I asked Garmin way
> theses units were not NMEA in and out and they said it was due to limited
> code space in the units.

While this argument is reasonable for the bargain-bin E-map, the idea that
the Streetpilot, at it's price point, is "code space limited" is absurd.
This feature's in the 12XL for crying out loud. Code space required to
parse a waypoint sentence is vanishingly small.

The real reason is that Garmin simply does not know how many sales of a
high end GPS they are losing by not supporting this very simple feature.
If they knew, I expect that a firmware release addressing this issue would
magically appear.   They have a reputation for correcting their mistakes,
when informed of them.
--
Brian

You are currently subscribed to htaprs as: lbateman@preco.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

222. [htaprs] Re: WHAT'S THE FREQUENCY, KENNETH ???????????- The QSO

From: "David B Robertson" <DROBER05@prodigy.net>
Date: Wed, 26 Apr 2000 23:01:52 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80206-2000.04.26-22.02.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got back from a preview viewing of Frequency. I concur completely
with the attached review. It was a great movie and will surely get some
people at least wondering about Ham radio. My wife has never been all that
excited about my Ham hobby and I can't say she liked the movie much
(unfortunately). She's not really into fantasy sci-fi type stuff and she
found the movie's frequent shifting between 1999 and 1969 to be confusing.
As for me, it was one of the best movies I've seen in a while -- and that's
not just because it features Ham radio.

Dave Robertson
KC8JZX
----- Original Message -----
From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: <qsl-announce@qth.net>; <scanner@qth.net>; STEVE H
<Steve@NewsChannel9.com>
Sent: Monday, April 24, 2000 1:22 PM
Subject: [htaprs] WHAT'S THE FREQUENCY, KENNETH ???????????- The QSO

> www.frequencymovie.com
>
> [PR:857] Frequency, a review
> "Frequency" is an imaginative fantasy based on the complex
> relationship between fathers and sons.
> >From a ham radio standpoint, given the movie's conceit, it could hardly
> have been better. The conceit is, of course, communicating through
> time, in this case the son in 1999 and the ham father, W2QYV I think, in
1969.
>   It's hard to believe that this movie was not written by a ham, or
> perhaps the son of a ham. Here is a picture which in an oblique way will
> convey the lure of ham radio to the uninitiated. Long suffering spouses
of
> hams should leave the theatre nodding and smiling.
>   Any ham club which can get it together to give demonstrations of
> ham radio in action in front of theatres playing "Frequency" should get a
> lot of interaction from the crowds leaving the movie. Since a number of
> equipment manufacturers are offering prizes for the best ham demo, and
since it's a

> very entertaining film, any club with the ability should make arrangements
ASAP for a
> "movie field day." There is a terrific PR opportunity here.
>   The director and writer take care at the beginning of the ham radio
> sequences to go pretty much by the book, but as the movie progresses
> they move slightly farther from real ham operating procedures as the
movie
> itself moves farther from day to day reality. There's a wonderful scen
where little
> kids "want to talk on the radio."
>   Starring Dennis Quaid in perhaps his most moving performance
> ever as the firefighter ham from the 60's and relative newcomer Jim
Caviezel as his son
> who's not a ham but knows how to push the mic button, "Frequency" moves at
just the right
> pace for the audience to follow the complex happenings on screen.
>   There's a serial killer sub plot which will undoubtedly annoy some
real
> critics, but from my perspective it worked just great, heightening the
> tension and picking up the pace as it shifted ever back and forth between
the 90's and
> the 60's.
>   There's no doubt that the ending is a bit saccharine, but it is a
> fantasy after all, and ends as all but the most cynical want fantasies to
end.
>   Baseball fans will enjoy this picture almost as much as hams because
an
> important plot turn involves "predicting" the outcome of the Mets-Orioles
> World Series of '69.
>   The acting is uniformly good, with Shawn Doyle really creepy as a
> demented killer and Andre Braugher very believable as a cop in both the
60's and the
> 90's. (Like all of us, 30 years has made him a little porky.)
>   As my friend Alan Kaul, W6RCL, said as we left the preview, "It's a
> really good example of the law of unintended consequences." And if
> you don't know what that means now, you will when you see the movie.
And I urge you to
> see it the first weekend it's released. I hope you enjoy it as much as I
did. I'm going
> again. CU at the movies.
>
73,
> Dave, W6AQ
> ==
> A number of clubs are planning amateur radio demos at theaters
> where the movie will be playing. What about your club.
> The League in cooperation with a number of
> manufacturers are offering prizes for the best exhibit.
> See   www.arrl.com for more details.
> ==
> WHAT'S THE FREQUENCY, KENNETH ??????????
> Local club putting together a special event
station/educational/informational
> one stop event @ local mall/cineplex.....HF/VHF/APRS/Packet/ATV/SSTV
> A virtual "Taste of Ham Radio".....Any Ideas on a "national" QSO FREQUNCY?
> Need 80/40/20/15/10 in General section of band to voice QSO with other
> stations doing the same thing.....would be easier for mike shy "civilians"
to
> discuss movie twix & tween.......Who knows? Maybe one of those MAXIMUM
> SOLAR FLUXXES might hook us up to the old man, W1AW hisself.....???!!!!
>
>
73 de
> KD4EHC
>
>
> ---
> You are currently subscribed to htaprs as: kc8jzx@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] off topic/address change

From: RASNM@aol.com
Date: Thu, 27 Apr 2000 11:17:19 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80292-2000.04.27-10.18.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wanna report my address change to the FCC.

Form 610 does not seem to be here: <A
HREF="http://www.fcc.gov/formpage.html">FCC Forms Available via Internet</A>

thanks Ron - kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] Ramtest

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Thu, 27 Apr 2000 17:43:02 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80295-2000.04.27-10.42.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

Some time back I put up a posting about the ramtest on the TM-D700A and I had one person point out the address was hex for 913167 dec. I then had Karl ask me if I had any more info on this problem. Or is it a problem. Karl has sent me his results and he got some thing a bit different.

Karl S

```
cmd:RAMTEST
RAM Reset!!
ERROR ADDRESS 000def0f
 128KBytes OK
```

Mine

```
cmd:RAMTEST
RAMTEST
RAM Reset!!
ERROR ADDRESS 000def0f
RAM Check
  32KBytes OK
  64KBytes OK
  96KBytes OK
 128KBytes OK
```

Note the 32,64,96kBytes OK. Karl did not get them on his test. So do we or do we not have a problem? I don't know I have not problems with my rig so to speak so I can not say.

Let me know what you find.

Cheers
Peter
ZR5DWC

225. [htaprs] Re: Ramtest

From: "Charles H. Rahe, II" <crahe@lancnews.infi.net>
Date: Thu, 27 Apr 2000 13:50:07 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-80310-2000.04.27-12.51.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's the results from my D700:

```
cmd:ramtest
RAM Reset!!
ERROR ADDRESS 000def0f
RAM Check
  32KBytes OK
  64KBytes OK
  96KBytes OK
 128KBytes OK
```

Here's my tnc startup message, is there any differences there ?
TASCO Radio Modem

X.25 Level 2 Version 2.0
Release 03/Dec/99 3Chip ver 1.08
Checksum $04
cmd:DA 000427134807
cmd:

Peter ZR5DWC wrote:

> Hi All Some time back I put up a posting about the ramtest on the
> TM-D700A and I had one person point out the address was hex for 913167
> dec. I then had Karl ask me if I had any more info on this problem. Or
> is it a problem. Karl has sent me his results and he got some thing a
> bit different.Karl S cmd:RAMTESTRAM Reset!!ERROR ADDRESS 000def0f
> 128KBytes OK Mine cmd:RAMTEST
> RAMTEST
> RAM Reset!!
> ERROR ADDRESS 000def0f
> RAM Check
>   32KBytes OK
>   64KBytes OK
>   96KBytes OK
> 128KBytes OK Note the 32,64,96kBytes OK. Karl did not get them on his
> test. So do we or do we not have a problem? I don't know I have not
> problems with my rig so to speak so I can not say. Let me know what
> you find. CheersPeterZR5DWC
>
>
>
[Attachment: crahe.vcf; text/x-vcard; 150 bytes]

226. [htaprs] Re: Ramtest

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Thu, 27 Apr 2000 22:15:14 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80324-2000.04.27-15.14.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well then this must be the norm then

Thanks

Peter
  ----- Original Message -----
  From: Charles H. Rahe, II
  To: Peter ZR5DWC
  Cc: TAPR Hot Technology APRS
  Sent: Thursday, April 27, 2000 7:50 PM
  Subject: Re: [htaprs] Ramtest

  Here's the results from my D700:
  cmd:ramtest
  RAM Reset!!
  ERROR ADDRESS 000def0f
  RAM Check
    32KBytes OK
    64KBytes OK
    96KBytes OK
   128KBytes OK

  Here's my tnc startup message, is there any differences there ?
  TASCO Radio Modem
  X.25 Level 2 Version 2.0
  Release 03/Dec/99 3Chip ver 1.08
  Checksum $04
  cmd:DA 000427134807
  cmd:

  Peter ZR5DWC wrote:

    Hi All Some time back I put up a posting about the ramtest on the TM-D700A and I had one person
point out the address was hex for 913167 dec. I then had Karl ask me if I had any more info on this
problem. Or is it a problem. Karl has sent me his results and he got some thing a bit different.Karl S
cmd:RAMTESTRAM Reset!!ERROR ADDRESS 000def0f 128KBytes OK Mine cmd:RAMTEST
    RAMTEST
    RAM Reset!!
    ERROR ADDRESS 000def0f
    RAM Check

32KBytes OK
64KBytes OK
96KBytes OK
128KBytes OK Note the 32,64,96kBytes OK. Karl did not get them on his test. So do we or do we not have a problem? I don't know I have not problems with my rig so to speak so I can not say. Let me know what you find. CheersPeterZR5DWC

227. [htaprs] Virus Alert.....

From: Jack Chomley <chomley@telelink.com.au>
Date: Fri, 28 Apr 2000 08:50:21 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80339-2000.04.27-17.35.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi APRSologists,

Please, everyone check your system for the KAK worm virus,
have just got it from a msg to the group. It affects Outlook
5 users, I received it as a harmless text attachment in my
Eudora program.

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

228. [htaprs] Sorry

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Fri, 28 Apr 2000 08:28:24 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80397-2000.04.28-01.36.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

Thanks for pointing out to me that I had a virus. This one should be virus free. I was not notified by my virus protection software till some hours latter. Reason being as it slows my e-mail down if I have it running to check all my incoming files so it only runs a scan disk after 1am in the morning.

Please read the mail from Charles Suprin to find out what to do about this virus as many of you may have it and not know about it. All the info on detection as well as eradication are in this document and many thanks to Charles for sending it to me. I would have found out about it when I looked at my task bar and see that a virus had been detected.

Many thanks again

Peter
ZR5DWC
PS sorry for any trouble that this may have caused
Peter,

Perhaps I should rephrase, My firewall thought it had a virus.
My firewall could be wrong. A more complete diagnostic arrived
later. Maybe it accidentally attached you name to someone
else's e-mail.

If it is not on your computer I apologize for the bother.

The complete diagnostic message was:
>The mail message (file: noname) sent to you by bounce-htaprs-9878@lists.tapr.org
>contains virus VBS_KAKWORM.A-M.

The following came from the symantec website. It is a description of the
virus.

VBS.KakWorm spreads using Microsoft Outlook Express.
It attaches itself to all outgoing messages via the Signature
feature of Outlook Express and Internet Explorer newsgroup
reader.

The worm utilizes a known Microsoft Outlook Express security
hole so that a viral file is created on the system without having to
run any attachment. Simply reading the received email message
will cause the virus to be placed on the system.

Microsoft has patched this security hole. The patch is available

from Microsoft's website. If you have a patched version of Outlook
Express, this worm will not work automatically.

Also known as: VBS.Kak.Worm, Kagou-Anti-Krosoft

Category: WORM

Infection length: 4116 Bytes

Virus definitions: December 30, 1999

Threat assessment:

Damage:
MEDIUM
Distribution:
HIGH
Wild:
 HIGH

Wild

Number of infections: More than 1000
Number of sites: 3-10
Geographical Distribution: High
Threat containment: Medium
Removal: Medium

Damage

Payload: Modifies the registry keys and shuts down
Windows
Payload trigger: First of any month at 5pm
Degrades performance: Shuts Down Windows

Distribution

Size of Attachment: 4116 bytes
Target of infection: Microsoft Outlook Express, Internet
Explorer Usenet Newsreader

Technical description

The worm appends itself to the end of legitimate
outgoing
messages as a signature. When receiving the
message, the
worm will automatically insert a copy of itself
into the appropriate
StartUp directory of the Windows operating system
for both
English and French language versions. The file
created is named
KAK.HTA.

The worm utilizes a known Microsoft Outlook Express
security
hole, Scriptlet.Typelib, so that a viral file is
created on the system
without having to run any attachment. Simply
reading the received
email message will cause the virus to be placed on
the system.

Microsoft has patched this security hole. The patch
is available
from Microsoft's website. If you have a patched
version of Outlook
Express, this worm will not work automatically.

HTA files are executed by current versions of
Microsoft Internet
Explorer or Netscape Navigator. The system must be

rebooted for
                    this file to be executed. Once executed, the worm
modifies the
                    registry key:

                    HKCU/Identities/<Identity>/Software/
                    Microsoft/Outlook/Express/5.0/signatures

                    in order to add its own signature file, which is
the infected
                    KAK.HTA file. This causes all outgoing mail to be
appended by
                    the worm. In addition, the registry key:

                    HKLM/Software/Microsoft/Windows/
                    CurrentVersion/Run/cAgOu

                    is added which causes the worm to be executed each
time the
                    computer is restarted.

                    Finally, if it is the first of the month and the
hour is 17 (5:00pm),
                    the following message is displayed:

                     Kagou-Anti-Kro$oft says not today!

                    and Windows is sent the message to shutdown.

                    Removal:

                    Delete the following file: KAK.HTA
                    Delete the following registry key:
                    HKLM/Software/Microsoft/Windows/
                    CurrentVersion/Run/cAgOu

Good luck.

Charles Suprin

Peter ZR5DWC wrote:
>
> ????
>
> ----- Original Message -----
> From: Charles Suprin <csuprin@mitre.org>
> To: Peter ZR5DWC <zr5dwc@iafrica.com>
> Sent: Thursday, April 27, 2000 10:27 PM
> Subject: Re: [htaprs] Re: Ramtest
>
> > Your e-mail was deleted by my firewall as it contained a virus.
> >
> > Charles
> >
> >
> > Peter ZR5DWC wrote:
> > >
> > > **************** Virus Scan Message (on avsrv1)
> > >
> > > noname is removed from here because it contains virus.
> > >
> > > **
> >

229. [htaprs] Re: off topic/address change

From: "Charles R. Schultz" <n2pua@arrl.net>
Date: Fri, 28 Apr 2000 05:27:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-80407-2000.04.28-05.29.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You might be able to do this on the web. See http://www.fcc.gov/e-file/
or http://www.fcc.gov/wtb/uls/ for a starting point. . . I haven't done
any of this, yet, myself, but this may be the way to go.

RASNM@aol.com wrote:
>

> I wanna report my address change to the FCC.
>
> Form 610 does not seem to be here: <A
> HREF="http://www.fcc.gov/formpage.html">FCC Forms Available via Internet</A>
>
> thanks Ron - kd5hty
>
> ---
> You are currently subscribed to htaprs as: n2pua@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

Chuck Schultz/   Mailto:n2pua@arrl.net
          /   Home page: http://www.cybrtyme.com/personal/n2pua
Eastaboga /   (Under construction forever!)
Alabama   /   AIM Screen Name: n2pua   ICQ ID Number: 11654121
36260   /   It's not the thing you fling, but the fling, itself!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

230. [htaprs] Need help deciding

From: "William Laukaitis" <william.laukaitis@dowjones.com>
Date: Fri, 28 Apr 2000 13:42:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80479-2000.04.28-13.43.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, I hope I am in the right place. I am looking to buy a TH-D7A and get
started with this APRS. What I would like to know is:

1. What is he cheapest store bought GPS with the most features (I read the
QST review and the author was able to to see other APRS stations with the
$QPWPL sentence) I want to be able to do that.

2. Do I need an entire handheld unit or just an antenna, if just an
antenna, what is the best?

Thanks for your help,

                      Bill Laukaitis
                      N2ZUL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

231. [htaprs] RE: htaprs digest: April 25, 2000

From: "Miguel Puchol" <mpuchol@wanadoo.es>
Date: Sat, 29 Apr 2000 00:14:30 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80512-2000.04.28-17.15.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

Just a suggestion...

The Garmin units have a propietary binary protocol, besides the NMEA one, to
upload/download routes, waypoints, tracks, etc. Maybe a simple PIC that
translates NMEA data from the TNC into Garmin format could do the trick.

Cheers,

Mike

P.S. I think this comes through a friend's email bounce, I will check and if
true, subscribe myself.

> Brian,
>
> Garmin knows that they are missing out on a market potential
> here. Myself and several other hams I know have written Garmin
> expressing that we were not purchasing the Streetpilot because of
> lack of an NMEA IN feature. This we did well over a year ago.
> More than enough time for them to correct the problem. They
> either do not care or can not do anything about it.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] RE: htaprs digest: April 25, 2000

From: "K.Hirschelmann" <k.hirschelmann@mainz.netsurf.de>
Date: Sat, 29 Apr 2000 14:49:06 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80610-2000.04.29-07.53.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Miguel Puchol wrote :

> Just a suggestion...
> The Garmin units have a propietary binary protocol, besides the NMEA
> one, to upload/download routes, waypoints, tracks, etc. Maybe a simple
> PIC that translates NMEA data from the TNC into Garmin format could do
> the trick.

It would be worthwhile doing this, but is it realy possible to do the
job also with using the Garmin format ?
Does anybody already know the required commands ?

(I also will study the PDF-File being available from Garmin.)

Klaus DJ7OO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

233. [htaprs] Li Ion Batteries for the D7A

From: "Sam E. Stimson" <n5wu@worldnet.att.net>
Date: Sat, 29 Apr 2000 15:41:19
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80683-2000.04.29-15.42.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just bought a D7A and am up to my neck learning new modes. Does anyone
know of a company that might sell Li Ion batteries for this neat little
radio. I'm looking for low profile, light, long lasting performance. With
all of the Prizmatic and Polymer going into Digital Phones, someone has got
to have one for HT's....

Thanks
Sam
N5WU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

234. [htaprs] Re: Li Ion Batteries for the D7A

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sat, 29 Apr 2000 17:07:55 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80703-2000.04.29-19.05.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You bet, you can find maha's at many ham radio shops. Has almost twice the
capacity in the same size. Heres the link:
http://www.maha-comm.com/products/nimhbp/kenwood/index-13.htm

Walter
http://www.radiohound.com

----- Original Message -----
From: "Sam E. Stimson" <n5wu@worldnet.att.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, April 29, 2000 3:41 PM
Subject: [htaprs] Li Ion Batteries for the D7A

> I just bought a D7A and am up to my neck learning new modes. Does anyone
> know of a company that might sell Li Ion batteries for this neat little

> radio. I'm looking for low profile, light, long lasting performance. With
> all of the Prizmatic and Polymer going into Digital Phones, someone has
got
> to have one for HT's....
>
> Thanks
> Sam
> N5WU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

235. [htaprs] Re: Li Ion Batteries for the D7A

From: David VanHorn <dvanhorn@cedar.net>
Date: Sat, 29 Apr 2000 19:47:01 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80723-2000.04.29-19.57.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 05:07 PM 4/29/00 -0700, Walter Dunckel wrote:
>You bet, you can find maha's at many ham radio shops. Has almost twice the
>capacity in the same size. Heres the link:
>http://www.maha-comm.com/products/nimhbp/kenwood/index-13.htm

Pricey, as I expected, but it's great that they are available.
Do they take a special charger? The existing KW charger can't be used on
li-ions unless there's a charger circuit inside that battery pack as well.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOQuepYFlGDz1l6VWEQIC+ACfcFqtDLfEBC3NwZh8WRGglyqpivAAn0Da
ph+L4lPHisQkUbrHnBlS4wXh
=Dkus
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

236. [htaprs] Re: Li Ion Batteries for the D7A

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sat, 29 Apr 2000 18:15:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80724-2000.04.29-20.12.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have used Kenwood's wall plug, but it does take almost twice as long to
charge vs the OEM because of the high capacity. Maha does make a nice multi
purpose recharger that handles lithium and NiCad packs, and this works well.
I'm not sure if Kenwoods fast charger would handle it or not.

Walter
----- Original Message -----
From: "David VanHorn" <dvanhorn@cedar.net>
>
> At 05:07 PM 4/29/00 -0700, Walter Dunckel wrote:
> >You bet, you can find maha's at many ham radio shops. Has almost twice
the
> >capacity in the same size. Heres the link:
> >http://www.maha-comm.com/products/nimhbp/kenwood/index-13.htm
>
>
> Pricey, as I expected, but it's great that they are available.

> Do they take a special charger? The existing KW charger can't be used on
> li-ions unless there's a charger circuit inside that battery pack as well.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

237. [htaprs] Re: Li Ion Batteries for the D7A

From: David VanHorn <dvanhorn@cedar.net>
Date: Sat, 29 Apr 2000 20:12:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80725-2000.04.29-20.23.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 06:15 PM 4/29/00 -0700, Walter Dunckel wrote:
>I have used Kenwood's wall plug, but it does take almost twice as long to
>charge vs the OEM because of the high capacity. Maha does make a nice multi
>purpose recharger that handles lithium and NiCad packs, and this works well.
>I'm not sure if Kenwoods fast charger would handle it or not.

You have to hold the voltage to within 1% during charge, or it's
fragmentation grenade time.
Check the docs on the pack, hopefully they have their own charge
electronics in there, otherwise it would be very unsafe to charge it with a
fast charger.

I think slow charge unregged is ok, but I'd have to dig out my Li-Ion
notes. We were considering them for a project, but dropped them because of
the safety considerations (our project is strapped to your arm)

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOQukuoFlGDz1l6VWEQLVoACfUqgQA1owEUi+gTVTz8QO7CSePBQAn3yf
vnMeWDii/C7BeFeazDm5bRk6
=rG8I
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

238. [htaprs] Re: Li Ion Batteries for the D7A

From: rbost@itexas.net (Roy Bost)
Date: Sat, 29 Apr 2000 20:26:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80726-2000.04.29-20.27.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Went to the Maha web site but saw NO Li Ion batteries. Did see NiMH
batteries.

Roy Bost N5TAM
rbost@itexas.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

239. [htaprs] Re: Li Ion Batteries for the D7A

From: Dave Zarzycki <dave@loki.sbay.org>
Date: Sat, 29 Apr 2000 18:32:46 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-80727-2000.04.29-20.34.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 29 Apr 2000, Walter Dunckel wrote:

> You bet, you can find maha's at many ham radio shops. Has almost twice the
> capacity in the same size. Heres the link:
> http://www.maha-comm.com/products/nimhbp/kenwood/index-13.htm

Note: The "double" capacity MAHA battery for the D7A is a NiMH battery,
not a Lithium-Ion battery.

davez

--
Dave Zarzycki KF6ZSS
http://thor.sbay.org/~dave/
http://www.sbay.net/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

240. [htaprs] Re: Li Ion Batteries for the D7A

From: David VanHorn <dvanhorn@cedar.net>
Date: Sat, 29 Apr 2000 20:53:08 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-80732-2000.04.29-21.03.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

>Note: The "double" capacity MAHA battery for the D7A is a NiMH battery,
>not a Lithium-Ion battery.

Ok, that makes more sense. The KW fast charger will do that just fine.
Li-Ions are nice, but temperamental.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOQuuJIFlGDz1l6VWEQK2aQCfZTue33ocpSEqFi2/s5CkSFcO8MAAoM6q
GXDfNG501uex6FCaYSBm4DRS
=9kbw
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

241. [htaprs] Next question

From: "Sam Stimson" <n5wu@worldnet.att.net>
Date: Sat, 29 Apr 2000 21:04:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80734-2000.04.29-21.07.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok, I guess there are no Li Ion batteries yet. NiMH will have to do.

Now the next question. Sorry about this. Where do I go to find a patch cable
that will take me from the that little bitty SMA connector on the D7A to a
PL-259 on my beam and ground plane ....

Thanks in advance
Sam
N5WU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

242. [htaprs] Re: Li Ion Batteries for the D7A

From: "Sam Stimson" <n5wu@worldnet.att.net>
Date: Sat, 29 Apr 2000 21:17:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80736-2000.04.29-21.19.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is the aprs.org server down? I am trying to get on line data and my browser
can't find www.aprs.org....

Sorry to be so dumb....

Sam
N5WU

----- Original Message -----
From: David VanHorn <dvanhorn@cedar.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Saturday, April 29, 2000 10:53 PM
Subject: [htaprs] Re: Li Ion Batteries for the D7A

> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
>
> >Note: The "double" capacity MAHA battery for the D7A is a NiMH battery,
> >not a Lithium-Ion battery.
>
> Ok, that makes more sense. The KW fast charger will do that just fine.
> Li-Ions are nice, but temperamental.
>
> - --
> Are you an ISP? Tired of spam?
> www.spamwhack.com A pre-emptive strike against spam!
>
> Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
>
> -----BEGIN PGP SIGNATURE-----
> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>
> iQA/AwUBOQuuJIFlGDz1l6VWEQK2aQCfZTue33ocpSEqFi2/s5CkSFcO8MAAoM6q
> GXDfNG501uex6FCaYSBm4DRS
> =9kbw
> -----END PGP SIGNATURE-----
>
>
> ---
> You are currently subscribed to htaprs as: n5wu@worldnet.att.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

243. [htaprs] Re: Next question

From: Eric Horst <erich@cac.washington.edu>
Date: Sat, 29 Apr 2000 19:33:45 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-80742-2000.04.29-21.36.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> Now the next question. Sorry about this. Where do I go to find a patch cable
> that will take me from the that little bitty SMA connector on the D7A to a
> PL-259 on my beam and ground plane ....
>

D&L Antenna Supply has one that I've used:

http://www.wavehunter.com/consav.html

--Eric

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

244. [htaprs] Re: Next question - SMA adapters

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Sat, 29 Apr 2000 19:51:53 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80744-2000.04.29-21.53.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Now the next question. Sorry about this. Where do I go to find a patch
>cable
>that will take me from the that little bitty SMA connector on the D7A to a
>PL-259 on my beam and ground plane ....
>
Those SMA are a pain, but supposed to be a better connector than the others.
  I found an SMA to BNC connector at the WB0W booth at a nearby hamfest.
Everytime I go I get several since I seem to lose them easily. I have never
found a SO 239 or PL 259 to SMA connector. You can either terminate your
feedline in a BNC, or use a SO239 to BNC between the PL259 and the SMA
adapter. I don't like this - too much hanging off the top of the radio.

WB0W also sells SMA connectors so you could build your own jumper cable.
Their website, www.wb0w.com appears to be under construction, but has an 800
number.

Jim Morrison
KM5BS
Hobbs, NM
_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

245. [htaprs] Next question - SMA adapters

From: "Sam Stimson" <n5wu@worldnet.att.net>
Date: Sat, 29 Apr 2000 22:02:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80745-2000.04.29-22.05.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to everyone for all of the help and different sources. I'll pick up
what I need at Dayton in a couple of weeks.....

Thanks,

Sam
N5WU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

246. [htaprs] aprs.org/aprs.net/findu.com - Dimse's Domains

From: Joseph Cunningham <jcunning@oem.state.or.us>
Date: Sat, 29 Apr 2000 22:40:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80761-2000.04.30-00.42.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Sam (and the list),

I've been unable to access any of Steve Dimse's domains (or his nameserver)
for the last 2 days. Looks like communications circuit breakdown. :/

Joseph KB7PPL

At 09:17 PM 4/29/00 -0500, Sam Stimson wrote:
>Is the aprs.org server down? I am trying to get on line data and my browser
>can't find www.aprs.org....
>
>Sorry to be so dumb....
>
>Sam
>N5WU
>
>----- Original Message -----
>From: David VanHorn <dvanhorn@cedar.net>
>To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
>Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
>Sent: Saturday, April 29, 2000 10:53 PM
>Subject: [htaprs] Re: Li Ion Batteries for the D7A
>
>
>> -----BEGIN PGP SIGNED MESSAGE-----
>> Hash: SHA1
>>
>>
>> >Note: The "double" capacity MAHA battery for the D7A is a NiMH battery,
>> >not a Lithium-Ion battery.
>>
>> Ok, that makes more sense. The KW fast charger will do that just fine.
>> Li-Ions are nice, but temperamental.
>>
>> - --
>> Are you an ISP? Tired of spam?
>> www.spamwhack.com A pre-emptive strike against spam!
>>
>> Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
>>
>> -----BEGIN PGP SIGNATURE-----
>> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>>
>> iQA/AwUBOQuuJIFlGDz1l6VWEQK2aQCfZTue33ocpSEqFi2/s5CkSFcO8MAAoM6q
>> GXDfNG501uex6FCaYSBm4DRS
>> =9kbw
>> -----END PGP SIGNATURE-----
>>
>>
>> ---
>> You are currently subscribed to htaprs as: n5wu@worldnet.att.net
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>
>
>---
>You are currently subscribed to htaprs as: jcunning@oem.state.or.us
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

247. [htaprs] RE: aprs.org/aprs.net/findu.com - Dimse's Domains

From: "Andrew Witham W1SAR" <w1sar@searcher.org>
Date: Sun, 30 Apr 2000 01:33:10 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80768-2000.04.30-03.34.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This may explain - posted yesterday on aprssig.....

> -----Original Message-----
> From: bounce-aprssig-15695@lists.tapr.org
> [mailto:bounce-aprssig-15695@lists.tapr.org]On Behalf Of Steve Dimse
> Sent: Saturday, April 29, 2000 9:01 AM
> To: TAPR APRS Special Interest Group
> Subject: [aprssig] Server status
>
>
> There is reconstruction going on at the Miami Museum, The server was
> supposed to be moved to a new location withing the museum before close of
> business yesterday, therefore it is likely to be down all weekend. Sorry.
>

> Steve K4HG

> -----Original Message-----
> From: bounce-htaprs-15697@lists.tapr.org
> [mailto:bounce-htaprs-15697@lists.tapr.org]On Behalf Of Joseph
> Cunningham
> Sent: Saturday, April 29, 2000 10:41 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] aprs.org/aprs.net/findu.com - Dimse's Domains
>
>
> Hello Sam (and the list),
>
> I've been unable to access any of Steve Dimse's domains (or his
> nameserver)
> for the last 2 days. Looks like communications circuit breakdown. :/
>
> Joseph KB7PPL
>
> At 09:17 PM 4/29/00 -0500, Sam Stimson wrote:
> >Is the aprs.org server down? I am trying to get on line data and
> my browser
> >can't find www.aprs.org....
> >
> >Sorry to be so dumb....
> >
> >Sam
> >N5WU
> >
> >----- Original Message -----
> >From: David VanHorn <dvanhorn@cedar.net>
> >To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> >Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> >Sent: Saturday, April 29, 2000 10:53 PM
> >Subject: [htaprs] Re: Li Ion Batteries for the D7A
> >
> >
> >> -----BEGIN PGP SIGNED MESSAGE-----
> >> Hash: SHA1
> >>
> >>
> >> >Note: The "double" capacity MAHA battery for the D7A is a
> NiMH battery,
> >> >not a Lithium-Ion battery.
> >>
> >> Ok, that makes more sense. The KW fast charger will do that just fine.
> >> Li-Ions are nice, but temperamental.
> >>
> >> - --
> >> Are you an ISP? Tired of spam?
> >> www.spamwhack.com A pre-emptive strike against spam!
> >>
> >> Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
> >>
> >> -----BEGIN PGP SIGNATURE-----
> >> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
> >>
> >> iQA/AwUBOQuuJIFlGDz1l6VWEQK2aQCfZTue33ocpSEqFi2/s5CkSFcO8MAAoM6q
> >> GXDfNG501uex6FCaYSBm4DRS
> >> =9kbw
> >> -----END PGP SIGNATURE-----
> >>
> >>
> >> ---
> >> You are currently subscribed to htaprs as: n5wu@worldnet.att.net
> >> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >>
> >
> >
> >---
> >You are currently subscribed to htaprs as: jcunning@oem.state.or.us
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: w1sar@searcher.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

248. [htaprs] APRS Digi with DR100??

From: Jack Chomley <chomley@telelink.com.au>
Date: Sun, 30 Apr 2000 20:57:26 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80771-2000.04.30-05.56.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi APRSologists,

I have a new PacComm DR100 single port Digi still in box,
wish to set it up as an APRS Digi for our local area.
Is there an APRS version software available for it?
If not, is there some kind of workaround to make it
APRS friendly, apart from being a standard packet Digipeater?

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

249. [htaprs] Re: Next question - SMA adapters

From: "Loyd C. Headrick" <kf4ugt@bellsouth.net>
Date: Sun, 30 Apr 2000 06:45:35 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-80772-2000.04.30-06.05.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I Got Two From Texas Towers

Loyd
----- Original Message -----
From: "Jim Morrison" <km5bs@hotmail.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, April 29, 2000 10:51 PM
Subject: [htaprs] Re: Next question - SMA adapters

>
> >Now the next question. Sorry about this. Where do I go to find a patch
> >cable
> >that will take me from the that little bitty SMA connector on the D7A to
a
> >PL-259 on my beam and ground plane ....
> >
> Those SMA are a pain, but supposed to be a better connector than the
others.
>   I found an SMA to BNC connector at the WB0W booth at a nearby hamfest.
> Everytime I go I get several since I seem to lose them easily. I have
never
> found a SO 239 or PL 259 to SMA connector. You can either terminate your
> feedline in a BNC, or use a SO239 to BNC between the PL259 and the SMA
> adapter. I don't like this - too much hanging off the top of the radio.
>
> WB0W also sells SMA connectors so you could build your own jumper cable.
> Their website, www.wb0w.com appears to be under construction, but has an
800
> number.
>
> Jim Morrison
> KM5BS
> Hobbs, NM
> ____
> Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com
>
>
> ---
> You are currently subscribed to htaprs as: kf4ugt@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

May 2000

Original source file: htaprs.0005
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0005

1. [htaprs] Re: Next question - SMA adapters

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Mon, 1 May 2000 08:30:13 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81042-2000.05.01-10.31.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 29 Apr 2000, Jim Morrison wrote:

> Everytime I go I get several since I seem to lose them easily. I have never
> found a SO 239 or PL 259 to SMA connector.

Wow! Even Radio Shack sells them (SO239 - SMA adapters). I believe I also
bought some from Ham Radio Outlet.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] Live web controlled TH-D7

From: "Walter Dunckel" <walter@radiohound.com>
Date: Mon, 1 May 2000 08:49:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81044-2000.05.01-10.48.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have set up a web controlled TH-D7. Currently, it allows the user (or
users) to change frequencies and listen and view the LCD of my TH-D7.

Limitations: More than one visitor at a time are allowed, and everyone has
the ability to change the frequency. The visitor needs Internet Explorer,
and Netmeeting to view and hear the radio.

More commands will be added in the future, and I hope to increase the
efficiency of the interface.

Here is the link:

http://www.radiohound.com/radio.htm

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] GPS selective activation turned-off!

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 1 May 2000 13:41:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81070-2000.05.01-12.44.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.whitehouse.gov/library/PressReleases.cgi?date=0&briefing=0

Cheers!

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Re: GPS selective activation turned-off!

From: "William Laukaitis" <william.laukaitis@dowjones.com>
Date: Mon, 1 May 2000 20:47:20
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81179-2000.05.01-20.49.01--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Hello,

  I am not too sure what this means, I am new to this GPS/APRS thing. Does
this mean we need to get new GPS units? Does this mean the higher accuracy
satellites are "turned on" for the average joe? Thanks for the info.

                          Bill
                          N2ZUL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: GPS selective activation turned-off!

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 01 May 2000 21:06:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-81194-2000.05.01-21.09.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

William Laukaitis wrote:
>
> Hello,
>
>   I am not too sure what this means, I am new to this GPS/APRS thing. Does
> this mean we need to get new GPS units? Does this mean the higher accuracy
> satellites are "turned on" for the average joe? Thanks for the info.
>
>   Bill
>   N2ZUL
>

You DO NOT need to get new GPS recievers. The
Government should be turning off the "dithering" of the
signals sent by the satellites at 0000 GMT.. I'm sure
there should be better answers than this, so don't be
alarmed, ;-)

73!

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Re: GPS selective activation turned-off!

From: RASNM@aol.com
Date: Mon, 1 May 2000 22:11:48 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-81196-2000.05.01-21.16.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 5/1/00 7:49:00 PM Mountain Daylight Time,
william.laukaitis@dowjones.com writes:

<< I am not too sure what this means, >>

 <A
HREF="http://www.whitehouse.gov/library/PressReleases.cgi?date=0&briefing=0">T
oday's Press Release</A>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] Re: GPS selective activation turned-off!

From: Jon Ogden <jono@enteract.com>
Date: Mon, 01 May 2000 21:26:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81200-2000.05.01-21.29.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/1/00 8:47 PM, William Laukaitis at william.laukaitis@dowjones.com
wrote:

> I am not too sure what this means, I am new to this GPS/APRS thing. Does
> this mean we need to get new GPS units? Does this mean the higher accuracy
> satellites are "turned on" for the average joe? Thanks for the info.

Well, Bill Clinton has finally done something I can applaud him for! :-)
What selective availability (SA) does is to basically cause your GPS unit to
display less accurate data. The signal is intentionally dithered so that
your position accuracy is not as good as it should be. This is why if you
watch your GPS while standing still, you will appear to randomly move around
a little bit. The reason for this intentional screwing up of the GPS signal
was to reduce the accuracy that potential terrorists might have if they sent
a missile into the US or some other type of threat. Of course to a
terrorist who cares how accurate the bomb really is!

The military has always had access to the "accurate" GPS signals because
they know the algorithm used to dither the signal. Yet, with the advent of
DGPS becoming popular SA became more and more redundant.

So now you will be able to receive the most accurate data on your GPS. No,
you won't have to buy a new one.

73,

Jon
KE9NA

Jon Ogden
KE9NA

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: GPS selective activation turned-off!

From: "Andrew Witham W1SAR" <w1sar@searcher.org>
Date: Mon, 1 May 2000 19:39:31 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81208-2000.05.01-21.45.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill,

No - you don't need to buy a new unit. GPS signals had a deliberate and
varying error to around plus or minus 100yds.

This is why you GPS, when stationary for a period of time would start moving
you around within a 200yds diameter circle

 This deliberate error has alledgedly now been turned off, so this should
result in more accurate and consistent placement. Only trouble is, we're a
couple of hours into no SA, and it doesn't seem to have done anything
significant yet.

__

Drew
Andrew Witham W1SAR
Searcher Communications
http://www.searcher.org/ham.htm

> -----Original Message-----
> From: bounce-htaprs-15697@lists.tapr.org
> [mailto:bounce-htaprs-15697@lists.tapr.org]On Behalf Of William
> Laukaitis

> Sent: Monday, May 01, 2000 8:47 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: GPS selective activation turned-off!
>
>
> Hello,
>
>   I am not too sure what this means, I am new to this GPS/APRS
> thing. Does
> this mean we need to get new GPS units? Does this mean the higher
> accuracy
> satellites are "turned on" for the average joe? Thanks for the info.
>
>
>   Bill
>   N2ZUL
>
> ---
> You are currently subscribed to htaprs as: w1sar@searcher.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: GPS selective activation turned-off!

From: Skip Allison <cfad07@email.mot.com>
Date: Tue, 02 May 2000 08:43:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81290-2000.05.02-08.45.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden wrote:
>
> on 5/1/00 8:47 PM, William Laukaitis at william.laukaitis@dowjones.com
> wrote:
>
> > I am not too sure what this means, I am new to this GPS/APRS thing. Does
> > this mean we need to get new GPS units? Does this mean the higher accuracy
> > satellites are "turned on" for the average joe? Thanks for the info.
>
> Well, Bill Clinton has finally done something I can applaud him for! :-)

I can't believe Bill had much to do with it. I don't think Bill would
know a GPS satellite if it came up and bit him in the ass. I'm sure he
signed it because his advisors told him to and he didn't know enough to
argue. But hey, I'm glad!

I enabled my GPS port last night on WINAPRS and it was nice watching my
house wandering around a couple houses one way or the other instead of
wandering into the next subdivision!

> What selective availability (SA) does is to basically cause your GPS unit to
> display less accurate data. The signal is intentionally dithered so that
> your position accuracy is not as good as it should be. This is why if you
> watch your GPS while standing still, you will appear to randomly move around
> a little bit. The reason for this intentional screwing up of the GPS signal
> was to reduce the accuracy that potential terrorists might have if they sent
> a missile into the US or some other type of threat. Of course to a
> terrorist who cares how accurate the bomb really is!
>

Yeh, no kidding! But if the terrorists really wanted some accuracy, why
wouldn't they use DGPS? All the real good targets are near a coastline
so
there is a Coast Guard DGPS station nearby. But then I guess our
government
buddies don't think the terrorists are smart enough to figure out DGPS.
But they can figure out how to launch a ground to ground missle.

> The military has always had access to the "accurate" GPS signals because
> they know the algorithm used to dither the signal. Yet, with the advent of
> DGPS becoming popular SA became more and more redundant.
>
> So now you will be able to receive the most accurate data on your GPS. No,
> you won't have to buy a new one.

>
> 73,
>
> Jon
> KE9NA
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Re: GPS selective activation turned-off!

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Tue, 2 May 2000 09:48:20 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81361-2000.05.02-11.50.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 1 May 2000, Andrew Witham W1SAR wrote:

> This deliberate error has alledgedly now been turned off, so this should
> result in more accurate and consistent placement. Only trouble is, we're a
> couple of hours into no SA, and it doesn't seem to have done anything
> significant yet.

I drove to work with my StreetPilot's "on-roads" feature turned off.
Usually when I do this, it'll show me paralleling the roads and freeways
(up to 200-250 feet off the road). Today, I was on the road the entire
trip to the office... with the exception of a couple of new roads that
don't appear on the Metroguide. My biggest error was 15 ft.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Re: GPS selective activation turned-off!

From: "John Dolan" <jdolan@erols.com>
Date: Tue, 2 May 2000 12:52:55 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81362-2000.05.02-11.55.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Drew said <<<Only trouble is, we're a
couple of hours into no SA, and it doesn't seem to have done anything
significant yet. Drew Andrew Witham W1SAR>>>

I have seen websites with plots of the effect of SA on a fixed receiver, but
I have forgotten where I saw them... anyone got some pointers handy?

John N3FIG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] URL for "SA Watch" plots since last midnight

From: Jack & John Wright <jwright@Chattanooga.net>
Date: Tue, 02 May 2000 15:29:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81388-2000.05.02-14.34.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John, N3FIG, wanted a URL pointer for a website which graphically shows
the difference between yesterday and today, re: GPS accuracy. Yep,
they're all about 10 times more accurate today! I had to do a complete
reset on my G-III to get rid of all those wandering "breadcrumbs" in my
residential area. Today the "breadcrumbs" re-trace themselves right on
the roads! Yea! See http://joe.mehaffey.com for what I think is the
best non-partisan GPS site with lots of equipment and software reviews,
and the "SA Watch" plots since yesterday afternoon. At 12 midnight EDT,
the difference is very obvious. Jack, KC4ZEK.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] RE: GPS SA Turned off!

From: Chris McKendry <n5cwm@yahoo.com>
Date: Tue, 2 May 2000 21:50:20 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81458-2000.05.02-23.52.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My guess is that the FAA is going to continue
to implement a program that uses GPS navigation
for ILS (instrument landing system, currently
using VHF/UHF frequencies for az/el guidance).
 The airlines are using several different FAA
TSO approved GPS units, usually 2 like units
per plane for redundancy. Most of these units
are only capable of providing course guidance
but some of the newer ones should be able to
guide an airliner down a specially designed
course with turns over terrain/congested areas
and altitude stepdowns, whereas the old ILS
only provided a few degrees straight line
guidance.
 Just my 2 cents worth!

Chris McKendry
MD80 pilot ;>)

_____
Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
http://im.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Kenwood D7A and Alinco DJ-G5

From: "Dennis James" <denniswj@hunterlink.net.au>
Date: Thu, 4 May 2000 08:53:49 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81561-2000.05.03-17.56.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was wondering if there are equivalent battery packs in the celluar phone
market.

I bought a smart charger and have to buy the right module so I can charge my
d7a and Dj-G5.

Thanks

Dennis
VK2DOR
Scone Australia QF57KX
mailto:denniswj@hunterlink.net.au

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Kenwood D-700 APRS Speech Contest

From: Keith Sproul <ksproul@hardees.Rutgers.EDU>
Date: Wed, 3 May 2000 22:00:31 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81580-2000.05.03-21.02.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
====================================================================
====        Kenwood D700 APRS(tm) Speech Message Contest       ====
====================================================================
```

The Kenwood TM-D700 Radio has the ability to have a speech synthesizer
added to it. If you add this option, you can make the D700 'SPEAK' or
actually 'SPELL' APRS messages.

When you send a message to a D700 with the VS-3 Speech chip, it will SPELL the call sign of the station that sent the message.

In addition to this, if you put a percent sign '%' as the FIRST character of a message, it will SPELL the letters and numbers of the message.

For example, if I send the following message from WU2Z to WB4APR,

        %ICU2

Bob will hear:

        DOUBLE-YOU YOU TWO ZED I SEE YOU TOO

We are announcing a contest to see what kind of messages people can come up with for using this neat feature of the Kenwood TM-D700 radio and the VS-3.

==========
Rules for the contest:

* There will be three categories:

        The LONGEST message that makes sense.

        The MOST TECHNICAL message.

        The most original or funniest message.

* The winners will be announced at the ARRL Digital Communications Conference in Orlando, FL, September 2000. (Exact date not yet determined)

* Each winner will receive a $50 gift certificate from Kenwood Radio.

* APRS Authors and Kenwood employees are not eligible.

* The judges will be the APRS Authors and Kenwood personnel that are present at the September 2000, ARRL DCC in Orlando, FL.

* All decisions of the judges will be final.

* All entries must be sent by email ksproul@noc.rutgers.edu by September 1st, or delivered in person at the DCC.

* PLEASE put D700 CONTEST as the subject of the email!!!

* You must have a valid Amateur Radio License to enter.

* You do NOT need to own a Kenwood D700 or VS-3 to enter.

* You do NOT need to be a registered user of any version of APRS to enter.

* You do NOT need to be present at the ARRL DCC to win.

* In case of a tie, i.e. exact or very similar duplicate message the earliest received entry will win.

* In case of other ties, the judges opinions will determine the winner.

* All entries can be used by Kenwood and/or the APRS authors for demo and/or advertising purposes. All entries will be posted on the Web after the contest, with your call sign to give you credit.

* Entries that imply profanity or inappropriate content will be ignored.

==========

The documentation for the Speech functions of the D700 are at:

        http://aprs.rutgers.edu/D700Voice.html

There is also a copy of it at:

        http://dorm.rutgers.edu/~ksproul/D700Voice.html

(If one is down, try the other, I will keep them both updated)

If you have questions about this contest, or how the Voice option works,
please send email to me at: ksproul@noc.rutgers.edu

As questions come in, I will update the documentation if needed.

You may distribute this announcement to other places, but you must leave
it exactly as is.

--
Keith Sproul   Ham Radio: WU2Z
WinAPRS/MacAPRS/X-APRS Author
http://dorm.rutgers.edu/~ksproul/   mailto://ksproul@noc.rutgers.edu

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Garmin 45+D7=nothing

From: "kevin" <krogers@teleport.com>
Date: Thu, 04 May 2000 08:40:32 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81685-2000.05.04-10.41.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello. I have completly reviewed and tried the steps i found at
http://www.radiohound.com/gpsetup.htm
but i still cannot get my Garmin 45 to talk to my D7. my positon screen
shows 0's and no blinking decimals or anything. besides the wiring
confusion, are there other known barriers to making this work? would it help
if i had a new GPS? (ive been looking for an excuse to get a Garmin III+
anyways).
thank you
Kevin

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: Garmin 45+D7=nothing <LYR16721-81685-2000.05.04-10.41.51--dean#o2aerial.com@lists.tapr.org>

From: Dean Carothers <dcarothers@tntech.edu>
Date: Thu, 04 May 2000 13:22:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81709-2000.05.04-13.24.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>but i still cannot get my Garmin 45 to talk to my D7. my positon screen
>shows 0's and no blinking decimals or anything. besides the wiring
>confusion, are there other known barriers to making this work? would it help
>if i had a new GPS? (ive been looking for an excuse to get a Garmin III+
>anyways).

Check your cable, mine came with the ground open from Kenwood. I thoguth I
was going crazy for a while.

>---
>You are currently subscribed to htaprs as: dean@o2aerial.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

~~~~~~~~~~~~~~~~~~~~~~~~~
The tragedy of the redneck is that he chose the wrong enemy.
- Will D.Campbell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
~~~~~~~~~~~~~~~~~~~~~~~~~

18. [htaprs] Re: Garmin 45+D7=nothing<LYR16721-81685-2000.05.04-10.41.51--dean#o2aerial.com@lists.tapr.org>

From: Brian Badger <Brian.Badger@wcom.com>
Date: Thu, 04 May 2000 13:41:17 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81735-2000.05.04-14.45.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dean Carothers wrote:

> >but i still cannot get my Garmin 45 to talk to my D7. my positon screen
> >shows 0's and no blinking decimals or anything. besides the wiring
> >confusion, are there other known barriers to making this work? would it help
> >if i had a new GPS? (ive been looking for an excuse to get a Garmin III+
> >anyways).
>
> Check your cable, mine came with the ground open from Kenwood. I thoguth I
> was going crazy for a while.
>

Same thing with mine. I was very upset at the time, as I had to wait until
Digikey sent me replacements before hooking up to my GPS.

--
Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Upcoming Trip

From: Jon Ogden <jono@enteract.com>
Date: Fri, 05 May 2000 06:52:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81913-2000.05.05-06.53.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi guys,

I will be taking a short trip on Sunday night to Tuesday afternoon to the
Albany, New York area. I'll have my GPS and TH-D7A with me, so if anyone
out there sees a strange call, that be me!

73,

Jon
NA9D (ex KE9NA)

Jon Ogden
NA9D

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] ADMIN: mail to the SIG administrator

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Fri, 5 May 2000 09:35:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81931-2000.05.05-09.38.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Until this I LOVE YOU virus blows over, please send email to the SIG administrator at wa1lou@tapr.org
(not to the adminstrator's work address).

Thanks for your cooperation!

Stan, WA1LOU, SIG administrator

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Ordinance Survey Map Datum

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Fri, 05 May 2000 08:21:36 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81939-2000.05.05-10.23.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We're using a "pathfinder guide" for a trip to the UK. It includes
topographical maps from the Ordinance Survey "1:25 000 Pathfinder Series,"
but the reproduced maps have no indication of which map datum was used.
Does anybody know? Thanks and 73,
Bruce Prior N7RR in Blaine, Washington USA

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: Garmin 45+D7=nothing <LYR16721-81685-2000.05.04-10.41.51--dean#o2aerial.com@lists.tapr.org>

From: John W Wilson <z004391b@bc.seflin.org>
Date: Fri, 5 May 2000 11:24:08 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-81940-2000.05.05-10.25.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Connect your GPS to a computer terminal, like Windows' Hyperterminal,
4800 baud and you should see streams of text beginning with $GPXXX, where
the XXX is various stuff.

Connect your GPS to the TH-D7A and set your radio to APRS/NMEA. Make
sure your GPS has satellite lock. Hit the POS button and see flashing
dots with a lat/lon. To make the APRS transmit hit TNC twice (I think)
and hit BCN off then on. That should force a transmit. I hope I
remembered everything. Oh, if still no joy then put a null modem adapter
in line with your GPS cable. It could be a cable for the TH-D7A PC
connection instead of the GPS. The cables are the same except for the
wire swap that the null modem provides.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Thu, 4 May 2000, Dean Carothers wrote:

>
> >but i still cannot get my Garmin 45 to talk to my D7. my positon screen
> >shows 0's and no blinking decimals or anything. besides the wiring
> >confusion, are there other known barriers to making this work? would it help
> >if i had a new GPS? (ive been looking for an excuse to get a Garmin III+
> >anyways).
>
> Check your cable, mine came with the ground open from Kenwood. I thoguth I
> was going crazy for a while.
>
>
> >---
> >You are currently subscribed to htaprs as: dean@o2aerial.com
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~
> The tragedy of the redneck is that he chose the wrong enemy.
> - Will D.Campbell
>
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org

> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] ADMIN: mail to the SIG administrator

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Fri, 05 May 2000 19:15:22 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-81992-2000.05.06-19.16.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The ILOVEYOU virus hit us hard at work and as a result, very little
email has gone in or out of my workplace. If you sent
SIG-administrator-related mail to my work email address
(stan_horzepa@adc.com) early Thursday morning or later, I likely did not
get it and likely won't get it. So, please resend it to wa1lou@tapr.org.

And, for the time being, only send SIG administrator mail to the email
address of wa1lou@tapr.org.

Thanks for your cooperation,

Stan Horzepa, WA1LOU, SIG administrator

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] D7 & D700 KISS mode?

From: "Scott Weis" <kb2ear@orn.com>
Date: Fri, 5 May 2000 21:40:47 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82007-2000.05.06-19.37.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have tried to use both my D7 and D700 in kiss mode. They both seem to
receive OK but TX does not seem to work correctly.. I have tried both at
9600 and 1200.

Is this a known problem?

Thanks,
Scott
kb2ear@orn.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Tiny Tracker and TM-V7A

From: Ron Reeves <n7qxo@juno.com>
Date: Fri, 5 May 2000 19:51:36 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82022-2000.05.06-19.40.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to use a Tiny Tracker with the TM-V7A. If I remember
correctly at Dayton one year Bob B. showed us that the TM-V7A was capable
of switching to the Data band to transmit for a Pic-E and switch back to
the frequency you were monitoring. Is this true? And if so how do I
setup the radio to do so?

Thanks,
Ron Reeves
n7qxo@juno.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] progamming TH-D7 in Win3.1 or DOS?

From: "Maurice Andries" <mauricea@glo.be>
Date: Sun, 7 May 2000 11:41:36 +0200

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82222-2000.05.07-04.46.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I got a TH-D7E since about 2 weeks now and I use several programs to
program this HH from my desktop WIN95 computer. However, I would like
to change configuration and memories sometimes when on holiday and at
those times I only have a (very old) 486/25 laptop with DOS/Win3.1
combination. Is there any software around to program the TH-D7 from
win3.1 or DOS? Is it possible to program with the terminal prg from
windows and what's the fileformat to use?

Thanks.

bye, Maurice   ON4BAM / M0CIL
on4bam@qsl.net or on4bam@arrl.net
http://www.qsl.net/on4bam
on-line logs of KL7/ON4BAM * M0CIL/C6A * other IOTA operations

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] RE: Ordinance Survey Map Datum

From: "Andrew Witham W1SAR" <w1sar@searcher.org>
Date: Sun, 7 May 2000 06:57:08 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82251-2000.05.07-08.59.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bruce,

The map datum is 'Ordinance Survey GB' It is included on my Garmin 45 map
datum listings (My GPS45 was bought in the UK).

You will find that instead of Lat/Long, it will give the Ordinance Survey
grid references. (I grew up on this and didn't know of anything else until
I moved to CA).

I also have a huge collection of OS maps of varying scales covering much of
the UK. Let me know where you are going to be and I'd be happy to loan
these to you for your trip.

__
Drew
Andrew Witham W1SAR
Searcher Communications
http://www.searcher.org/ham.htm

> -----Original Message-----
> From: bounce-htaprs-15697@lists.tapr.org
> [mailto:bounce-htaprs-15697@lists.tapr.org]On Behalf Of Bruce Prior
> Sent: Friday, May 05, 2000 8:22 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Ordinance Survey Map Datum
>
>
> We're using a "pathfinder guide" for a trip to the UK. It includes
> topographical maps from the Ordinance Survey "1:25 000 Pathfinder
> Series,"
> but the reproduced maps have no indication of which map datum was used.
> Does anybody know? Thanks and 73,
> Bruce Prior N7RR in Blaine, Washington USA
> _____
> Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com
>
>
> ---
> You are currently subscribed to htaprs as: w1sar@searcher.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: D7 & D700 KISS mode?

From: "Maurice Andries" <mauricea@glo.be>
Date: Sun, 7 May 2000 16:09:18 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82252-2000.05.07-09.10.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Scott,

> I have tried to use both my D7 and D700 in kiss mode. They both seem to
> receive OK but TX does not seem to work correctly.. I have tried both at
> 9600 and 1200.
>
> Is this a known problem?

Don't know about the 700 but the TH-D7 did not do to well in KISS. I just
got a D7E v2 (2nd version of the firmware) and it now works as it should.
The problem in Europe was that most nodes on 70cm use DAMA mode
and the TH-D7 did not support that either.
I got my D7 2 weeks ago and ran a few tests on 2m between my TH-D7
with TSTHost and TFKISS on a laptop one side and a PK-232MBX with
AGW and winpack on the desktop on the other and it works without a
glitch.
I haven't tried 9600 yet but suspect that won't be to much of a problem.

bye, Maurice ON4BAM / M0CIL
on4bam@qsl.net or on4bam@arrl.net
http://www.qsl.net/on4bam
on-line logs of KL7/ON4BAM * M0CIL/C6A * other IOTA operations

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] icom ic2at?

From: "jeff" <jeff@k8sn.org>
Date: Sun, 7 May 2000 18:16:44 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82335-2000.05.07-17.14.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi all.. I am putting a ic2at into a tracker box and I cant find any info
about voltage for what this unit draws (since it is an older ht) does
anyone have info about it..

lemme know

jeff

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: icom ic2at?

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Sun, 7 May 2000 19:56:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82347-2000.05.07-18.51.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "jeff" <jeff@k8sn.org>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, May 07, 2000 6:16 PM
Subject: [htaprs] icom ic2at?

> hi all.. I am putting a ic2at into a tracker box and I cant find
any info
> about voltage for what this unit draws (since it is an older ht)
does
> anyone have info about it..

 Do you have a DC adapter for it or are you going straight in from the
terminals on the bottom? The DC adapter was the standard 12 vdc input
and it took about 350 mils peak transmit (with a full 13.8 VDC on it

it was good for near three watts)On receive it was about 80 mills
which isn't bad, but piggish next to the IC u2AT.

I have a 2AT here I bought for $50 used from N2DSY in the mid 80's and
was in packet service continuous digital service for over 10 years. I
still use it occasionally. Its deaf as a brick at this point but
attached to an RF brick with a preamp its fine. As a tracker you
should have no problem at all, its definitely a "set it and forget it"
item!

73 de brian, ka2bqe

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: Tiny Tracker and TM-V7A

From: "Scott Morris" <smorris@mindspring.com>
Date: Sun, 7 May 2000 20:09:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82348-2000.05.07-19.11.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The best bet would be to download the manual in pdf format from Kenwood:

    http://216.98.255.24/Amateur/Instruction%20Manuals/

Then look at page Manual page 63 for dual band receive if you want the radio
to do VHF for packet and if you wish to transmit. Next check Manual page 79
for packet operation.

The V7A does have a data port that connects to the band on the left side of
the radio. I would suggest this, it was a snap to wire up and connect.

Scott
----- Original Message -----
From: Ron Reeves <n7qxo@juno.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, May 05, 2000 10:51 PM
Subject: [htaprs] Tiny Tracker and TM-V7A

> I am trying to use a Tiny Tracker with the TM-V7A. If I remember
> correctly at Dayton one year Bob B. showed us that the TM-V7A was capable
> of switching to the Data band to transmit for a Pic-E and switch back to
> the frequency you were monitoring. Is this true? And if so how do I
> setup the radio to do so?
>
> Thanks,
> Ron Reeves
> n7qxo@juno.com
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] Re: icom ic2at?

From: "Loyd C. Headrick" <kf4ugt@bellsouth.net>
Date: Sun, 7 May 2000 20:49:47 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82357-2000.05.07-19.53.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff
You should get full power using 13.8vdc, 3 watts using 8.4vdc.
I used a ic-32at for a while that is similar
Loyd

----- Original Message -----
From: "jeff" <jeff@k8sn.org>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Sent: Sunday, May 07, 2000 6:16 PM
Subject: [htaprs] icom ic2at?

> hi all.. I am putting a ic2at into a tracker box and I cant find any info
> about voltage for what this unit draws (since it is an older ht) does
> anyone have info about it..
>
> lemme know
>
> jeff
>
>
> ---
> You are currently subscribed to htaprs as: kf4ugt@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Re: icom ic2at?

From: Robert Donnell <kd7nm@ricochet.net>
Date: Sun, 07 May 2000 20:05:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82389-2000.05.07-22.07.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jeff, and all

At 06:16 PM 5/7/00 -0400, jeff wrote:
>hi all.. I am putting a ic2at into a tracker box and I cant find any info
>about voltage for what this unit draws (since it is an older ht) does
>anyone have info about it..
>

I've still got one of these good old radios around. I had to disconnect the touch tone pad, because it won't unkey properly any more, and I had to add a CTCSS deck in it, but with a big BP8S after market monster battery pack on board, I could easily work a public service event for 12-16 hours on a charge - both things you wouldn't be able to do with any of the current HTs I know of - but they all come with CTCSS now. Ah, the day of the radio you could actually work on.

Someone advised you to run the radio on 13.8 volts. Don't do it if you value the PA transistor! 13.8 would be OK for an IC-O2AT, ICO3AT, or an IC-O4AT (with LCD displays) but an IC2A, IC2AT IC3AT, or IC4AT (Icom's 1st handhelds) were designed for a maximum operating voltage right around 9 volts - the highest voltage battery pack for these radios from Icom was one holding 6 AA dry batteries, totaling 9 volts. The voltage rating on the final transistor is 12 volts, which with a 9-volt supply, provides some safety margin. Icom offered the DC-1 adapter, which was the same size as the stock BP-3 battery pack, which had a 7.5 volt (or so, it's a little foggy) regulator in it.

When that radio was in it's hey day I remember several folks on the air bemoaning the fact that they'd blown the final, and that Icom confirmed that running the radio direct from vehicle power was a mistake likely to damage the radio. It was sort of neat at that time - if Icom wasn't busy, and the repair was simple, you could wait at the walk-in service desk and they'd fix it while you wait.

Another caveat we learned about using the IC2AT on packet locally was that operating it on channels where there was voice traffic on an adjacent channel was a way to get the radio 'noticed' - the application of packet audio as the radio was being keyed slowed down the PLL lockup time. It's one of the things I suggested AEA add to their TNC code was a command to delay TX audio application for a settable time after application of PTT - to benefit the operator that was regularly keying up the area DX Club repeater with his pip-squeak HT from 20+ miles away. This was definitely exacerbated by the fact that the fellow using the radio ran the area PBBS! It solved the problem. I've not studied the Kantronics docs enough to see if they support this. This was over 10 years ago, and I hadn't really thought of it until dredging the memory banks about using the 2AT on packet again.

As for current drain, as I recall, the RX squelched current drain is about
20 mA, with the TX drain around 800 mA, with the DC-1 adapter. Of course,
your TX current drain mileage will vary depending on supply voltage. At
least these are low enough to be measured with a typical DMM.

If a watt or so is adequate, I'd get a 6-volt lead-acid alarm system backup
battery and use it to power both the TNC (assuming a KPC3+ or similar) and
radio, directly. In this circumstance, with a proper charging system, you
can even recharge off of vehicle power. 6-volts will also power many of
the GPS's out there.

  If you wanted significantly more power, then I'd add a small PA and run
it on its own 12-volt battery. This has the side benefit that if the PA
battery goes dead, the PA won't key up, but your station will still be on
the air at reduced power. The PA and its power arrangements could even be
in a separate enclosure, with a coax jumper connecting the two, so you only
use what you need for the tracker in question.

Hope that helps,

73, Bob

--
Bob Donnell, KD7NM   Ph:425-775-3651   kd7nm@pugetsound.net
       Western Washington Amateur Radio IP Address Coordinator
---------------------- http://wetnet.wa.com/~kd7nm ------------------------
-- For recent vehicle location try: http://map.findu.com/kd7nm-9 ------
-- For recent handytalky location try: http://map.findu.com/kd7nm-7 ---

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Palm Pilot help

From: JAPalese@aol.com
Date: Sun, 7 May 2000 23:16:27 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: n9uur@execpc.com
Message-ID: <LYR845-82390-2000.05.07-22.18.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi:

I have pocket APRS (v1.06) and it won't talk to my THD-7A...sez it can't
initialize the -D7A's TNC.

The cable is wired IAW kenwood directives.

What else can I do or check?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: [JAPalese@aol.com] Palm Pilot help

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Sun, 07 May 2000 22:25:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, n9uur@execpc.com
Message-ID: <LYR845-82393-2000.05.07-22.33.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have pocket APRS (v1.06) and it won't talk to my THD-7A...sez it can't
>initialize the -D7A's TNC.
>
>The cable is wired IAW kenwood directives.
>
>What else can I do or check?

I found conflicting documentation for how to interpret the connection of
the send and recv data lines. Switch them, and see if that fixes your
problem. It fixed mine... The DB-9 diagram shown in the docs is a few
from the back of the connector if you are using a DB-9. This is how
I wired mine

        X W R X G

X X X X

X is unwired,
W is white wire
R is red wire
G is ground

Waiting for my call sign...

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Re: htaprs digest: May 06, 2000

From: "Crossroads" <joncave@crcom.net>
Date: Sun, 7 May 2000 23:12:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82401-2000.05.07-23.19.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Scan speed of D700.

Was wondering if anybody could give me an estimate on how fast this rig
scans memory channels and how fast it does a search. Some of Kenwoods
prevous rigs have been slow as heck, like 1 channel per second. Like the
memory grouping and the scan edges that this rig has.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Satellite APRS tracking

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 8 May 2000 21:53:42 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82585-2000.05.08-20.56.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As you plan your summer trips, remember that there are 9 amateur
satellites you can use with your mobile FM rig and a whip antenna! From 7
to 12 AM and PM local sun time there is almost always one in view wherever
you are. Use them to communicate your position/status/messages or Email.
If you are traveling in remote areas, plan on taking advantage of them!

Three are FM voice.
Three are BBS's, with message store and forward
Three are live DIGIpeaters at 1200 baud needing only a laptop (no TNC) to
      send back E-MAIL and/or status/messages to a WEB page
Two maybe live two-way digipeaters for live QSOs and TEXT messaging

We hope traveler communications from all will be available via WEB pages.
To serve these travelers, we also need volunteer ground stations too...
You can even do it with an HT and a handheld antenna!

See http://web.usna.navy.mil/~bruninga/astars.html
or join aprssat@lists.tapr.org and tell us you are new so we can fill you
in on the details.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] HT in America

From: Carl <carl_mail@dr.com>
Date: Tue, 09 May 2000 18:52:32 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-82763-2000.05.09-12.51.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Im planning to take my THD7E to chicago later this week. What are the
suggested settings/frequencies so I dont look too english when I get
there?

:)
Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: HT in America

From: "bob" <w2g3zfj@unix.asb.com>
Date: Tue, 9 May 2000 14:58:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-82767-2000.05.09-13.56.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Carl

Set it to 144.390 for APRS and you should see a lot of activity.

Have fun

73 de bob
w2/g3zfj

-----Original Message-----
From: Carl <carl_mail@dr.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org <htaprs@lists.tapr.org>
Date: Tuesday, May 09, 2000 13:43
Subject: [htaprs] HT in America

>Im planning to take my THD7E to chicago later this week. What are the
>suggested settings/frequencies so I dont look too english when I get
>there?
>
>:)
>Carl gw0tqm
>gw0tqm@iname.com
>
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Re: HT in America

From: Skip Allison <cfad07@email.mot.com>
Date: Tue, 09 May 2000 16:08:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82780-2000.05.09-16.10.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

144.39 for APRS activity. Also try 442.800(+5) PL 114.8 for voice
activity. Lot of APRS users on that repeater. The repeater is 10 miles
or so NW of Ohare. What part of Chicago are you going to?

Skip
K9SA

Carl wrote:
>
> Im planning to take my THD7E to chicago later this week. What are the
> suggested settings/frequencies so I dont look too english when I get
> there?
>
> :)

> Carl gw0tqm
> gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: HT in America

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 9 May 2000 19:59:29 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-82804-2000.05.09-19.01.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 9 May 2000, Carl wrote:

> Im planning to take my THD7E to chicago later this week. What are the
> suggested settings/frequencies so I dont look too english when I get
> there?

144.39 MHz everywhere.
Set PATH to RELAY,WIDE,WIDE (or less)
That should do it...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Trip Report

From: Jon Ogden <jono@enteract.com>
Date: Tue, 09 May 2000 23:15:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82857-2000.05.09-23.16.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I am back from my trip to upstate New York. Sorry my schedule didn't work out for meeting anyone. I arrived in Albany on Sunday night around 11:45 PM. Then I drove to Williamstown, MA where I was staying. Nice drive and nice country as I saw today on the way back!

Anyhow, I made a few calls on some of the repeaters including the 444.000 machine someone recommended. No one came back.

What really disappointed me was that I heard hardly any APRS traffic even when in Albany. While sitting at the airport this afternoon I was able to see that a couple of my packets went out onto the local network but I didn't hear anyone else. I heard a couple of squelch breaks when I was on the top of the mountain pass between NY and MA but that was it. Perhaps it was the fact that I was just using a duck on the HT inside the car. It wasn't the standard duck, but a longer high-gain one from Comet. Don't know if anyone saw me or if I made it in anywhere or not. I guess next time I'll have to throw a mag mount into the luggage.

So no good APRS stories for me. Oh well......seems the only place where I really had any APRS success was in the LA area last June. All my other travels end up with me not hearing much at all.

73,

Jon
NA9D

Jon Ogden
NA9D

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Re: Live web controlled TH-D7

From: "<Walter> <Dunckel>" <walterd@radiohound.com>
Date: Tue, 9 May 2000 23:27:29
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82858-2000.05.09-23.29.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Web controlled TH-D7 update:

I have made the interface a bit more user friendly. I also added a few more
functions like scan, and it is now able to change between bands. You still
need to use Netmeeting and Internet Explorer to view and control the radio.
Only one visitor is able to hear/see the TH-D7 at a time.

http://www.radiohound.com/radio.htm

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Re: HT in America

From: Carl <carl_mail@dr.com>
Date: Wed, 10 May 2000 07:48:05 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-82892-2000.05.10-01.46.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Will be based in East Wacker Drive

!

As an aside - what is the CEPT prefix I will be using infront of my
call?

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Planning a trip

From: "Steve & Ginny Grudzinski" <grudzinski@angelfire.com>
Date: Wed, 10 May 2000 08:41:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82961-2000.05.10-10.43.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I am planning a trip to El Paso, Texas leaving from the San Fernando valley, So Cal. via route 10. If I
 would want my position report to get back to Socal, how would I set up the system?

Steve

Angelfire for your free web-based e-mail. http://www.angelfire.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: htaprs index: May 08, 2000

From: "Steven K. Ng" <skng@iex.net>
Date: Wed, 10 May 2000 11:43:09 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "htaprs index recipients" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82985-2000.05.10-13.45.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

get htaprs 36672
--
Steven Ng

PGP Public Key - http://members.iex.net/~skng/skng-PublicKey.txt

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Garmin Secrets

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Wed, 10 May 2000 13:52:43 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-82997-2000.05.10-15.54.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin owners:
There are some risks, but here's some neat stuff that's fun to play with.
Take a look at the following link:

   http://celia.mehaffey.com/dale/secret.htm

Now, about that temperature things. Is there a way to get that information
out to transmit on APRS?

73,
Bruce Prior N7RR in Blaine, WA

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] APRS-CE

From: "Dr. Rick Olsen" <n6nr@arrl.net>
Date: Wed, 10 May 2000 16:39:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83030-2000.05.10-18.41.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Which download server has the latest version of APRS-CE for download?

73 de Rick, N6NR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] TinyTrak

From: Robert Michaud <r.michaud@glumac-sf.com>
Date: Wed, 10 May 2000 17:09:41 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83038-2000.05.10-19.11.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Has any one used the BYONICS TinyTrak? It uses a PIC controller and GPS
machine to send a position beacon to a transmitter.   It looks interesting
and inexpensive at $25+.

Robert, KD6INI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: TinyTrak

From: James Jefferson <jjeffers@deskmedia.com>
Date: Wed, 10 May 2000 19:17:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org

Message-ID: <LYR845-83039-2000.05.10-19.18.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Has any one used the BYONICS TinyTrak? It uses a PIC controller and GPS
>machine to send a position beacon to a transmitter.   It looks interesting
>and inexpensive at $25+.

I have one and I've tested it. It works for a tracker just fine. It took
about 1 hour to put together. If you are looking for more specific details,
ask me.

-James Jefferson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Palm Pilot help

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Wed, 10 May 2000 18:55:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83054-2000.05.10-20.58.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am considering a Palm Pilot (Probably the IIIxe)
  I have 3 programs that I wish to Run
    1. DeLorme's Solus software for Mapping and GPS
    2. VT100, or other terminal emulator for packet BBS and Email
    3. Pocket APRS (?) I am not sure what APRS software runs on it.

I have a Kenwood TH-D7A, Garmin 45XL, Tripmate GPS....and plenty of cable
building experience.....

  My Questions:
    Q-A. Is there other options(h/w, s/w, cables) that I need to get with
the Palm Pilot to load software ?
    Q-B. Is there a full-kit / package that includes what I need?
    Q-C. What cables do I need for my Garmin GPS.... I have pfranc Purple
connectors don't know what the Palm requires
    Q-D. Is there some good introductory Web sites.
    Q-E. What APRS software is available for the Palm and what are their
strengths.

The Palm Pilot is new to me, Any helpful pointers or links would be
appreciated.

Glenn, KG7IL in Renton, Wa
http://kg7il.foxinternet.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: APRS-CE

From: "Rikk Sullenberger" <rikk@darcars.net>
Date: Wed, 10 May 2000 22:28:44 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83057-2000.05.10-21.26.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have seen it on http://www.tapr.org under the APRS section

Rikk
KG4AAO

----- Original Message -----
From: "Dr. Rick Olsen" <n6nr@arrl.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 10, 2000 7:39 PM
Subject: [htaprs] APRS-CE

> Which download server has the latest version of APRS-CE for download?
>
> 73 de Rick, N6NR
>
> ---

> You are currently subscribed to htaprs as: rikk@dragonstar.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Re: TinyTrak

From: n7qxo@juno.com
Date: Wed, 10 May 2000 23:36:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-83113-2000.05.11-01.44.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used one of these for a tracker. It was easy to build and fun to
experiment with. I want to put the next one in a project box with the
lights on the outside. The GPS I used was the $20 from Mavin. I wish I
could get one more of them, but they are out. I am giving these cheap
trackers to friends to use to get interested in APRS. I know a few
people bought them to only use the antenna and did not use the engine.
Does anyone have one they want to resell?

Ron Reeves
n7qxo@arrl.net
On Wed, 10 May 2000 17:09:41 -0700 Robert Michaud
<r.michaud@glumac-sf.com> writes:
> Hi,
>
> Has any one used the BYONICS TinyTrak? It uses a PIC controller and
> GPS
> machine to send a position beacon to a transmitter. It looks
> interesting
> and inexpensive at $25+.
>
> Robert, KD6INI
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: Palm Pilot help

From: "hasan schiers" <schiers@netins.net>
Date: Thu, 11 May 2000 08:18:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83164-2000.05.11-08.21.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My experience is with the Palm IIIx and the D700, but much of it applies to
the D7, as well. Others can help you with the particulars of the D7.
----- Original Message -----

> I am considering a Palm Pilot (Probably the IIIxe)
> I have 3 programs that I wish to Run
> 1. DeLorme's Solus software for Mapping and GPS
> 2. VT100, or other terminal emulator for packet BBS and Email
> 3. Pocket APRS (?) I am not sure what APRS software runs on it.
>
> I have a Kenwood TH-D7A, Garmin 45XL, Tripmate GPS....and plenty of cable
> building experience.....
>
> My Questions:
> Q-A. Is there other options(h/w, s/w, cables) that I need to get with
> the Palm Pilot to load software ?

The Palm comes with a hot-sync cradle that will interface to your PC to
download software to your Palm. (It is rs232 and plugs into the pc)

> Q-B. Is there a full-kit / package that includes what I need?

No...and you don't really need a full-kit or package, but you can buy all
the pieces.

> Q-C. What cables do I need for my Garmin GPS.... I have pfranc
Purple
> connectors don't know what the Palm requires

The serial connector for the gps is the Purple you have. It needs to be
wired to the gps in/out of the D7. On the D700 it is a 3/32 sub-mini male
plug. Three wires...in, out, gnd. I think the d7 uses the same plug...but be
sure to check..it will be provided with the D7.

I don't know how the serial interface for the D7 is handled for its tnc. The
D700 uses a standard DB-9 for using the D700 in "standard tnc" mode with a
palm. It requires a hot-sync cable and a null modem adapter. The D7 is
certainly different, you need to check with a D7 owner.
>   Q-D. Is there some good introductory Web sites.

http://www.pocketaprs.com/wiring.html

http://www.pocketaprs.com/   (web site for pocketaprs software
description and hints)

ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip

(location of the pocketAPRS program...it isn't called palmAPRS any
more...copywrite issue)

ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/

(location of maps for the pocketAPRS program for the palm.

>   Q-E. What APRS software is available for the Palm and what are their
> strengths.

The bad news is there is only one, pocketAPRS by Mike Musick. The GOOD news
is that it is a TERRIFIC program. It is stable, well written, feature rich
and quite easy and intuitive to use. You're gonna love it!

>
> The Palm Pilot is new to me, Any helpful pointers or links would be
> appreciated.

I am copying a general information message to you under separate mailing
that addresses a bunch of the issues you raised. It is from Mike Musick,
author of pocketAPRS.

Hope this helps ya. 73

hasan schiers, N0AN
schiers@netins.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: TinyTrak

From: "Tom Clarke" <fclarke@erols.com>
Date: Thu, 11 May 2000 11:52:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83190-2000.05.11-10.53.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I ordered one a couple of weeks ago, but have not received it yet! Does
look neat!

73 de Tom/W4OKW
----- Original Message -----
From: "Robert Michaud" <r.michaud@glumac-sf.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 10, 2000 8:09 PM
Subject: [htaprs] TinyTrak

> Hi,
>
> Has any one used the BYONICS TinyTrak? It uses a PIC controller and GPS
> machine to send a position beacon to a transmitter.   It looks interesting
> and inexpensive at $25+.
>
> Robert, KD6INI
>

>
>
> ---
> You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Re: htaprs index: May 08, 2000

From: Steven Ng <n6iqa@arrl.net>
Date: Thu, 11 May 2000 12:01:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "htaprs index recipients" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83233-2000.05.11-14.02.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

get htaprs 36672
--

Steven Ng
N6IQA
PGP Public Key - http://members.iex.net/~skng/sng-PublicKey.txt

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] New Mexico Fire Information Center

From: RASNM@aol.com
Date: Thu, 11 May 2000 15:41:59 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83237-2000.05.11-14.43.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

<A HREF="http://fire.nmipa.org/">Click here: NM Fire Information Center :
NMIPA New Mexico Internet Professionals Association</A>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] Broken D-7A

From: "Eric A. Cottrell" <eac@shore.net>
Date: Thu, 11 May 2000 21:10:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83267-2000.05.11-21.11.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I was taking stuff in from the car when my 1 month old Kenwood TH-D7A slipped
from my grasp and landed on the linoleum in the kitchen. The battery
separated from the rig and I heard a piece of something fly off. The battery
and radio were lying on the floor.

It seems the rig must have hit on the encoder knob as that was the piece that
flew off. The control shaft broke. It looks like it was plastic.
Interesting that the volume control part appears to be metal.

Is it common for this encoder shaft to break? Is it possible to get Kenwood
to fix it under warranty? If not, is it possible to glue the shaft back on?
Can I get the service manual and parts? This would have to occur before I
go out to Dayton 8-<.

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: Broken D-7A

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 11 May 2000 21:47:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-83269-2000.05.11-21.48.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Eric A. Cottrell" wrote:
>
> Hello,
>
> I was taking stuff in from the car when my 1 month old Kenwood TH-D7A slipped
> from my grasp and landed on the linoleum in the kitchen. The battery
> separated from the rig and I heard a piece of something fly off. The battery
> and radio were lying on the floor.
>
> It seems the rig must have hit on the encoder knob as that was the piece that
> flew off. The control shaft broke. It looks like it was plastic.
> Interesting that the volume control part appears to be metal.
>
> Is it common for this encoder shaft to break? Is it possible to get Kenwood
> to fix it under warranty? If not, is it possible to glue the shaft back on?
> Can I get the service manual and parts? This would have to occur before I
> go out to Dayton 8-<.
>
> 73 Eric eac@shore.net WB1HBU
>
Hi Eric,

IMHO, there is no way you are going to get that thing
into Kenwood and back by Dayton..
Also, I would suggest you go with it as is... You only
indicated that the control shaft broke. That means you
can still control everything with the "rocker"
joystick, right? Can you still control the volume? If
yes, then you can wait til you get back from Dayton to
have it repaired.
I wouldn't be surprised if Kenwood would charge you too
much for repairs.. Talk to Kenwood at Dayton.. In the
meantime, have fun, it could have been worse!!

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: Palm Pilot help

From: Stephan Greene <sgreene@patriot.net>
Date: Thu, 11 May 2000 22:54:06 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-83271-2000.05.11-21.57.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 10 May 2000, Glenn Cummings wrote:

> I am considering a Palm Pilot (Probably the IIIxe)
>   I have 3 programs that I wish to Run
>   1. DeLorme's Solus software for Mapping and GPS

I've used it.

>   2. VT100, or other terminal emulator for packet BBS and Email

Ditto

>   3. Pocket APRS (?) I am not sure what APRS software runs on it.

Played with it a little (not much room in 2MB!)

>   My Questions:
>   Q-A. Is there other options(h/w, s/w, cables) that I need to get with
> the Palm Pilot to load software ?

No. The pilot comes with all the cabling necessary to sync data and
programs between the main PC and the PDA. This has been one of its
strengths since the original USR Palm 128.

>   Q-B. Is there a full-kit / package that includes what I need?

You will probably want one of the travel kits to get a cradleless serial
connector, null modem cables/adaptors to connect to GPS or TNC.

I can comment on Solus, VT100.

I've used two general purpose map+GPS programs, QuoVadis (marcosoft) and
Solus.

QuoVadis is cheaper, maps are VERY detailed albeit simpler line drawings.
They are organized by city/county/state so you can grab data for a
location you frequent ahead of time. Data can be searched (intersections,
roads, some landmarks/place names). Scalable display. No network
connection needed. Easily configured to work with different GPS units.

Solus costs a bit more, it is optimized for DeLorme's own hardware (I have
to reconfig it each time I use it for my NMEA output GPS receiver. It is
really intended to load maps and directions for a specific trip. The maps
are detailed close-in to the destination and become quite limited enroute.
Directions are OK but subject to limits of computer generated directions
(no local knowledge). Since directions are generated one pair of
addresses at a time and downloaded, you need a web connection and a PC.
Only Windows is supported, they did not admit to plans to support MAcs or
Linux when I asked.

OTOH, the graphics of its maps are better than QuoVadis'.

VT100 is a nice telnet terminal program. I've used it for simple packet
radio work with a KPC3 and HT.

GPS/maps programs like to leave the pilot running. This eats batteries.

Maps take up lots of room. Get an 8MB unit and consider software that
lets you store static content (maps) into flash rom.

73 Steve KA1LM

Stephan A. Greene   sgreene@patriot.net
Amateur KA1LM@amsat.org Grid FM18hx   38 59'83.33"N 77 23'6.15"W

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: Broken D-7A

From: "Eric A. Cottrell" <eac@shore.net>
Date: Thu, 11 May 2000 22:23:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-83274-2000.05.11-22.29.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robbie Robertson wrote:
> Hi Eric,
>
> IMHO, there is no way you are going to get that thing
> into Kenwood and back by Dayton..

Yes, especially if you are leaving next tuesday. Overnight
saturday delivery, guy works on it Sunday/Monday, out Monday
afternoon overnight to Boston. No, I do not think so 8->.

> Also, I would suggest you go with it as is... You only
> indicated that the control shaft broke. That means you
> can still control everything with the "rocker"
> joystick, right? Can you still control the volume? If
> yes, then you can wait til you get back from Dayton to
> have it repaired.

I stared at the unit and wondered how I could just get the APRS
frequency. Then I remember the rocker pad. I will wait

until I get back but this is one more thing to take care of!

Volume is okay. In fact I took the back cover off. Interesting
how it disassembles. The volume/encoder is a single unit that
plugs into the circuit board. The plug on the circuit board is a
right angle one so the volume/encoder slides in parallel to the
circuit board. A metal bracket keeps it from lifting away from
the circuit board. So it looks like someone realized the volume/encoder
units may break.

It is interesting that the antenna did not "break" the fall.
The unit must have hit just right on the side of the encoder knob and
broke the encoder shaft clean off.

> I wouldn't be surprised if Kenwood would charge you too
> much for repairs.. Talk to Kenwood at Dayton.. In the
> meantime, have fun, it could have been worse!!

Yeah, it could have stopped working. I will talk to them
at dayton. Maybe I will get a cap to put over the volume
control and not fix the encoder at all. It would just break again.

73 Eric eac@shore.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Re: Broken D-7A

From: PETEAMAR@aol.com
Date: Fri, 12 May 2000 00:11:22 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83281-2000.05.11-23.13.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello from Pete, KD4SPW in Ft. Pierce, Fl.

      I have dropped my D7A several times. I have been lucky so far. One time
it fell from a card table to the concrete driveway. It must have landed on or
against the tuning/volume knob. The shaft is now bent, I suppose as the knob
sits cock-eyed a bit. It is no longer perfectly vertical.
      My new concern is the antenna connector. I haven't heard of anyone with
my new problem. With all the past sig posts about the vulnerability of the
sma connector, I placed a rubber o-ring between the slim duck antenna and the
radio. I had noticed before that receive signals could drop if antenna
either to loose or too tight.
The o-ring seemed the perfect solution as I could snug it down quite well and
be assured of a good connection.
       But recently when I started to remove the duck to install it in my
truck, the sma connector started backing out of the HT along with the
antenna. Luckily I noticed it right away and screwed it back. So far I have
been too chicken to attempt to remove it again and have only been using it
with the duck antenna.

        BE CAREFUL WITH THE SMA CONNECTOR !!!!

Bye from Pete, KD4SPW.

<<<<<<<<<<<< ORIGINAL MESSAGE<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
< Hello,

< I was taking stuff in from the car when my 1 month old Kenwood TH-D7A
slipped
< from my grasp and landed on the linoleum in the kitchen. The battery
< separated from the rig and I heard a piece of something fly off. The
battery
< and radio were lying on the floor.

< It seems the rig must have hit on the encoder knob as that was the piece
that
< flew off. The control shaft broke. It looks like it was plastic.
< Interesting that the volume control part appears to be metal.

< Is it common for this encoder shaft to break? Is it possible to get Kenwood
< to fix it under warranty? If not, is it possible to glue the shaft back on?
< Can I get the service manual and parts? This would have to occur before I
< go out to Dayton.
< 73 Eric eac@shore.net WB1HBU
<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Re: Broken D-7A

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Fri, 12 May 2000 00:48:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83301-2000.05.12-00.50.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Most dissapointing. When I bought my first HT, a Yaesu FT-11, one of the
selling points was a Yaesu rep pulling one of his belt, removing the
battery pack AND CHUCKING IT across the showroom of the Phoenix HRO store.
He was very confident that it wouldn't hurt the unit. And it didn't. The
durabilty of mine was tested by taking a flying leap out of a jeep going
about 25 MPH and skittering down the road for about 50 feet before it was
stopped by ramming into a curb. The only damage was a scuffed bottom
corner where the soft case abraded away whilst sliding on the asphalt. A
few days later I put it on a service monitor, and everything tested OK.

I can't tell you how many times I sat on that radio or smacked it into door
jambs. I even closed the door of my convertible LeBaron on the antenna,
putting a permanent kink in it.   I sold the unit to my (now) landlord, and
he still has it, and it works great.

I replaced it with an FT-51, and although I babied it more than the FT-11,
it still took and survived a few good shots. Both survived being baked in
parked cars in Phoenix, and both were regularly taken on multi-day
backpacking trips.

I hope I never stand up in a jeep at speed, forgetting there's a D7 in my
lap...

73,

Mark
KC7BXS

>
>I was taking stuff in from the car when my 1 month old Kenwood TH-D7A slipped
>from my grasp and landed on the linoleum in the kitchen. The battery
>separated from the rig and I heard a piece of something fly off. The battery
>and radio were lying on the floor.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] TM-G707A Cable

From: "Robert Murdock" <wx2nj@shorenetworks.com>
Date: Fri, 12 May 2000 07:37:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83320-2000.05.12-06.39.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood offers free programming software for the TM-G707A Transceiver
on their website. You connect a computer to the rig via a PS-4S program
cable. One end is a mini Din connector and the computer side is a DB25
or DB9 via adapter. Kenwood won't share the pinouts for this cable if
you want to make one on your own instead of buying the costly PS-4S.
Anyone have the connection arrangements? I ran into a similar problem
with the TM-700 connector. You can buy a mini Din connector at RS and
make your own cables instead of buying the factory units. At least
Kenwood gives the pinout configuration.

73, Bob, WX2NJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: Broken D-7A

From: Skip Allison <cfad07@email.mot.com>
Date: Fri, 12 May 2000 08:56:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83328-2000.05.12-08.58.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Part of Kenwoods testing procedure for a portable should include drop
testing at least from a height of 3 or 4 ft. Any manufacturer of radios
should realize that radios (especially portables) will get dropped from
time to time. A drop like that should not cause any permanant damage.
I would have to believe Kenwood would stand behind their product. No if
you dropped it off your tower 50 feet, that would be different. Let us
know what they say. Their response may affect whether or not I look at
Kenwood for my next radio.

Skip
K9SA

"Eric A. Cottrell" wrote:
>
> Hello,
>
> I was taking stuff in from the car when my 1 month old Kenwood TH-D7A slipped
> from my grasp and landed on the linoleum in the kitchen. The battery
> separated from the rig and I heard a piece of something fly off. The battery
> and radio were lying on the floor.
>
> It seems the rig must have hit on the encoder knob as that was the piece that
> flew off. The control shaft broke. It looks like it was plastic.
> Interesting that the volume control part appears to be metal.
>
> Is it common for this encoder shaft to break? Is it possible to get Kenwood
> to fix it under warranty? If not, is it possible to glue the shaft back on?
> Can I get the service manual and parts? This would have to occur before I
> go out to Dayton 8-<.
>
> 73 Eric eac@shore.net WB1HBU
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Re: TM-G707A Cable

From: Karl <mca-inc@mindspring.com>
Date: Fri, 12 May 2000 10:09:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-83329-2000.05.12-09.08.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Take a look at

http://www.cyberhighway.net/~tateb/pg4s.html

for information on a home-brew PG-4S

Good Luck,

Karl
KG4BNA

Robert Murdock wrote:
>
> Kenwood offers free programming software for the TM-G707A Transceiver
> on their website. You connect a computer to the rig via a PS-4S program
> cable. One end is a mini Din connector and the computer side is a DB25
> or DB9 via adapter. Kenwood won't share the pinouts for this cable if
> you want to make one on your own instead of buying the costly PS-4S.
> Anyone have the connection arrangements? I ran into a similar problem
> with the TM-700 connector. You can buy a mini Din connector at RS and
> make your own cables instead of buying the factory units. At least
> Kenwood gives the pinout configuration.
>
> 73, Bob, WX2NJ
>
> ---
> You are currently subscribed to htaprs as: ksalisbury@mca-inc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: Broken D-7A

From: Scott Wolf <swolf@qualcomm.com>
Date: Fri, 12 May 2000 09:26:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83344-2000.05.12-11.27.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:11 AM 5/12/00 -0400, PETEAMAR@aol.com wrote:
>   My new concern is the antenna connector. I haven't heard of anyone with
>my new problem. With all the past sig posts about the vulnerability of the
>sma connector, I placed a rubber o-ring between the slim duck antenna and the
>radio. I had noticed before that receive signals could drop if antenna
>either to loose or too tight.

SMA connectors, by design, should be tightened to exactly 8-in/oz of
torque. Any looser than that and the center pin doesn't make enough
contact. Any tighter, and you risk damaging the threads. Without using a
standard 5/16" 8-in/oz torque wrench (rather hard with most rubber ducks),
a good rule of thumb is handtight and an additional 1/4-turn.

73, Scott Wolf, KG6AWN swolf@qualcomm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: Broken D-7A

From: "Tom Clarke" <fclarke@erols.com>
Date: Fri, 12 May 2000 12:50:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83351-2000.05.12-11.52.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That seems to be a weak point as I know of 2 others that suffered the same
damage following a drop. Have fun at Dayton!

73 de Tom/W4OKW

----- Original Message -----
From: "Eric A. Cottrell" <eac@shore.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, May 11, 2000 11:23 PM
Subject: [htaprs] Re: Broken D-7A

> Robbie Robertson wrote:
> > Hi Eric,
> >
> > IMHO, there is no way you are going to get that thing
> > into Kenwood and back by Dayton..
>
> Yes, especially if you are leaving next tuesday. Overnight
> saturday delivery, guy works on it Sunday/Monday, out Monday
> afternoon overnight to Boston. No, I do not think so 8->.
>
> > Also, I would suggest you go with it as is... You only
> > indicated that the control shaft broke. That means you
> > can still control everything with the "rocker"
> > joystick, right? Can you still control the volume? If
> > yes, then you can wait til you get back from Dayton to
> > have it repaired.
>
> I stared at the unit and wondered how I could just get the APRS
> frequency. Then I remember the rocker pad. I will wait
> until I get back but this is one more thing to take care of!
>
> Volume is okay. In fact I took the back cover off. Interesting
> how it disassembles. The volume/encoder is a single unit that
> plugs into the circuit board. The plug on the circuit board is a
> right angle one so the volume/encoder slides in parallel to the
> circuit board. A metal bracket keeps it from lifting away from
> the circuit board. So it looks like someone realized the volume/encoder

> units may break.
>
> It is interesting that the antenna did not "break" the fall.
> The unit must have hit just right on the side of the encoder knob and
> broke the encoder shaft clean off.
>
> > I wouldn't be surprised if Kenwood would charge you too
> > much for repairs.. Talk to Kenwood at Dayton.. In the
> > meantime, have fun, it could have been worse!!
>
> Yeah, it could have stopped working. I will talk to them
> at dayton. Maybe I will get a cap to put over the volume
> control and not fix the encoder at all. It would just break again.
>
> 73 Eric eac@shore.net
>
> ---
> You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: Broken D-7A

From: David VanHorn <dvanhorn@cedar.net>
Date: Fri, 12 May 2000 11:59:15 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83355-2000.05.12-12.10.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 12:50 PM 5/12/00 -0400, Tom Clarke wrote:
>That seems to be a weak point as I know of 2 others that suffered the same
>damage following a drop. Have fun at Dayton!

Well, at least give KW credit in making the encoder a plug-in rather than
soldering it to the PCB. That was additional cost on their end, but now you
can just order the replacement part and pop it in yourself.

I wonder what a new encoder costs? We're using an encoder on the hamhud
boards, but it's not as small and sexy. Still for $2.50 it's a great deal.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBORxUg4FlGDz1l6VWEQJE6wCgxrd30BnvZdAKoTfsR6ymqjyTaOcAoLOM
Y5V+dUiqF13y9dBdyw8tw/Uz
=Doy8
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: Palm Pilot help

From: Paul Jacques <PaulJ@minimed.com>
Date: Fri, 12 May 2000 05:10:01 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83381-2000.05.12-13.30.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use a D7 and D700 with Garmin 12XL and a Pharos GPS's and a PalmIII. I
like PocketAPRS a lot.I added an 8M expansion to my PalmIII so I wouldn't
run out of map room. The D7 and D700 use the same mini plug for the GPS but
for PC connection, the D700 uses a DB9 while the D7 uses a mini plug. I

wired two mini plugs with different gender DB9's for the D7 so I can connect
the GPS and PC/Palm to the DT at the same time. You might want to invest in
a Radio Shack DB9 gender changer and null modem adapter for one of those
unexpected combinations..

Paul
WB6IWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Re: Broken D-7A

From: "Tim Russell" <timruss@home.com>
Date: Fri, 12 May 2000 14:34:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83388-2000.05.12-14.37.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Is it common for this encoder shaft to break? Is it possible to get
Kenwood
>to fix it under warranty? If not, is it possible to glue the shaft back
on?
>Can I get the service manual and parts? This would have to occur before I
>go out to Dayton 8-<.

I don't know if it's /common/, but it's sure not hard - about three months
after I got my D7, I had it in a pocket of my windbreaker, with the antenna
off, pointing down, hanging on a cubicle hook over a carpeted floor. So
basically, it was about 2-3 feet over a carpeted floor. Anyway, the jacket
fell off and it hit the floor and SNAP. The encoder shaft is pretty
lightweight metal, it looks like brass.

As for gluing it, unless you can find something that binds that type of
metal, and can apply it very carefully, I wouldn't attempt it.

I have never bothered to fix mine - there are no functions at all it served
that can't be performed easier and faster elsewhere, and I figured if it
breaks that easily, it'll probably just happen again at some point anyway.

73, Tim, K0RUS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: Broken D-7A

From: "Eric A. Cottrell" <eac@shore.net>
Date: Fri, 12 May 2000 19:40:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-83457-2000.05.12-19.41.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim Russell wrote:
> I don't know if it's /common/, but it's sure not hard - about three months
> after I got my D7, I had it in a pocket of my windbreaker, with the antenna
> off, pointing down, hanging on a cubicle hook over a carpeted floor. So
> basically, it was about 2-3 feet over a carpeted floor. Anyway, the jacket
> fell off and it hit the floor and SNAP. The encoder shaft is pretty
> lightweight metal, it looks like brass.
>
> As for gluing it, unless you can find something that binds that type of
> metal, and can apply it very carefully, I wouldn't attempt it.
>
> I have never bothered to fix mine - there are no functions at all it served
> that can't be performed easier and faster elsewhere, and I figured if it
> breaks that easily, it'll probably just happen again at some point anyway.

Hello,

Well I cannot find the knob with the rest of the shaft. The broken end in
the encoder looks like it is plastic.

It looks like it got the antenna connector as well. I was removing the
antenna and the "metal" threaded shell came off with the antenna. This

is a metalized plastic. Fortunely I can stick it on with the antenna
and it does not flop around much.

So I guess it is back to Kenwood. I suppose I need to get an RMA and
ship it off to the West Coast after Dayton. Maybe I will go over to
the web site and give some feedback.

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] MIC-E to NMEA-Converter

From: "K.Hirschelmann" <k.hirschelmann@mainz.netsurf.de>
Date: Sat, 13 May 2000 15:02:15 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83547-2000.05.13-08.05.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,
in case somebody is interested in using MIC-E-Format-Messages (like
being send from TH-D7, PIC-E, MIC-E or Tinytrak) for evaluation with
Standard-NMEA-MAP-Programs (like e.g. FUGAWI, GPSS, WINGPS or those for
organizers), then he should try my simple "MICENMEA"-Converter.

More Info can be found here : http://www.kh-gps.de/micenmea.htm

The Kenwood TM-D700 is said to deliver a slightly different
MIC-E-Protocol. Future versions of "MICENMEA" are planned to cover also
signals being send from this type of radio.

I am looking for Beta-Testers

Klaus DJ7OO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] 9600 Baud NMEA Output

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Sat, 13 May 2000 13:57:32 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83587-2000.05.13-12.59.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've had my D700 a few weeks, and am finally getting the hang of most
functions.

I have one question: Is there any benefit to running 9600 baud on the GPS? I
don't see any, I was just wondering if there is anything that I can't think
of..

Chris

Chris Schwab, N4BSA
Scoutmaster, Troop 488 Largo FL
N4BSA/R 147.315+ St Pete FL
n4bsa@arrl.net - ICQ #605460
See where I am! http://map.findu.com/n4bsa-9
---

75. [htaprs] VC-H1 hacking

From: David VanHorn <dvanhorn@cedar.net>
Date: Sat, 13 May 2000 18:55:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83646-2000.05.13-19.06.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Has anyone talked to the VC-H1 through the mostly undocumented com port?

I've been able to read out my callsign, and get it to change modes
(damifino to what mode!) and to transmit.

115200, 8n1 or 7E1, I'm not sure which is really correct yet.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOR4HhoFlGDz1l6VWEQKAkwCg7xhoJIFOnPltMtFL93cXh66C9rEAnift
1aCQT4Nec0bjmTbEJKiUg8Lu
=vDNz
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Jornada 540 series terminal emulator

From: "Rick Olsen" <n6nr@arrl.net>
Date: Sat, 13 May 2000 17:32:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83649-2000.05.13-19.34.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is anyone aware of a simple terminal emulator that will run on a Jornada 540
series handheld with WinCE 3.0. I plan to use this in conjunction with my
TM-D700A in the mobile.

de Rick, N6NR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: 9600 Baud NMEA Output

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Sat, 13 May 2000 20:53:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-83651-2000.05.13-19.57.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I've had my D700 a few weeks, and am finally getting the hang of
>most functions.
>
>I have one question: Is there any benefit to running 9600 baud on
>the GPS? I don't see any, I was just wondering if there is anything
>that I can't think of..
>
>Chris
>
>---
>Chris Schwab, N4BSA

The reason you would run 9600 on the NMEA port is IF (and only IF)
you had a GPS that output 9600.. Some of the fancier ones have this
option. Also so do some of the OEM units.. Most consumer units do
not, therefore, it isin't much use to MOST people.. But it is a very
nice feature to have, IF you need it..

Keith

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] Info on Packet operation

From: "Jon + Trisha Nichols" <jtnichols1@uswest.net>
Date: Sun, 14 May 2000 10:54:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83801-2000.05.14-10.55.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently decided to try Packet with a TH-D7. I have printed out the manual
that came with the cable and have looked up the only Packet oriented club in
my area that I know of. Unfortunatly I have not had any success figuring out
how to make my first contact. Does anyone have any pointers?

Thank You,
Jon

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] re:Info on Packet operation

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sun, 14 May 2000 13:19:10 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83843-2000.05.14-15.22.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

First get on a frequency that has packet data. A good one to start with
to
ensure that you are receiving well would be the APRS data frequency of
144.39.
Turn you radio on, and with that simplex frequency set up in Band A,
listen for
a while. You should hear some packet bursts.

This accomplishes nothing more than ensuring that you have an 'active'
frequency
to receive data..

Now Set your Data Band to A, [Manual page 55] and DCD Sense as shown.

Assuming you have it cabled correctly and hooked up to your PC, turn
your volume
up about 1/3 to 1/2 volume, set your squelch until it is just quieted.
Start
your packet program or the hyperterminal that comes with Windows.
[Step 1 on page 54]

If you don't have a packet program, you may need to go back and install
it. On
Windows 98 this is: Start / Settings / Control Panel / Add Remove
Programs /
Windows Setup / Communications Hyperterminal.   You'll most likely need
your
Windows Disk. If you do have a packet program, it might need a few
settings
changed for the D7.

With your terminal program running, set your comport and settings to
9600, 8bit,
1 stop, parity none with XON/OFF flow [Step 2] This can be in various
places
depending on what terminal program you are running.

Push your TNC button twice to get in the Packet mode [Steps 3 and 4].
You
should get a banner from the D7 on your terminal screen. This is the
TNC boot
messages. If you didn't, try turning the D7 back off. Save your
Terminal
settings and restart your terminal program. This may not be necessary,
but
depending on you terminal program, it might be. You should get your TNC
boot
message when you turn the D7 back on.

Once you have communications from your terminal program to your TH-D7,
try

entering MYCALL xxxxx , where xxxxx is your ham call.

You should get a response from the D7 acknowledging this change. Now
sit and
wait for some packet bursts to come in. You should get a cryptic, APRS
string
displayed on your terminal.   If all this goes well, you are ready for
packet.....

However, you must find an active frequency in your area....
Once you do, set it up as above and let it 'listen' for a while, you
should see
some call signs, and node names displayed on your screen.. This mode is
command
mode and should display all incoming packets.

I'll try to find a good tutorial link on the general use of packet using
a
'dumb' terminal program like hyperterminal, but this should get you
started
debugging until then.

Glenn, KG7IL in Renton, Washington.

Jon + Trisha Nichols wrote:

> I recently decided to try Packet with a TH-D7. I have printed out the manual
> that came with the cable and have looked up the only Packet oriented club in
> my area that I know of. Unfortunatly I have not had any success figuring out
> how to make my first contact. Does anyone have any pointers?
>
> Thank You,
> Jon
>
> ---
> You are currently subscribed to htaprs as: kg7il@foxinternet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] Re: Info on Packet operation

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sun, 14 May 2000 13:27:24 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-83844-2000.05.14-15.29.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A good start for general packet information is
http://www.tapr.org/tapr/html/pktf.html

I didn't find a simple or helpful page that describes your first "hello world"
connection. Maybe someone else is aware of a good, simple, description of a
connect. If not, perhaps I can to a text save from one of my connections.

You can connect to other hams and chat keyboard to keyboard.
You can also connect to a BBS node and read/send mail and read Bulletin Board
System messages.

It's easy to read the packet data to determine what stations might be close
enough to connect.
Sometimes you can also 'watch' someone else connecting to a BBS node and pick
out it's name in the data string.
(For me, I have a nearby SEA node for the Seattle BBS system)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Re: Info on Packet operation

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 14 May 2000 16:32:07 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-83846-2000.05.14-15.34.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 14 May 2000, Jon + Trisha Nichols wrote:

> I recently decided to try Packet with a TH-D7. I have printed out the manual
> that came with the cable and have looked up the only Packet oriented club in
> my area that I know of. Unfortunatly I have not had any success figuring out
> how to make my first contact. Does anyone have any pointers?

Tune to 144.39 anywhere an monitor for 30 minutes. If you see no one,
then you are in an APRS dead zone.

ANYWHERE on the planet, however, you get access to 9600 baud packet data
whenever one of the 9600 baud satellites flies over. WIth 5 birds
donwlinking at 9600 baud, this is about 15 passes a day... WIth the HT,
you cannot transmit to any of these birds, but they sure do give nice 9600
baud test signals...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Re: Info on Packet operation

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sun, 14 May 2000 13:38:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-83847-2000.05.14-15.40.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What are some frequencies for the satellites?

Bob Bruninga wrote:

> <snip>
> ANYWHERE on the planet, however, you get access to 9600 baud packet data
> whenever one of the 9600 baud satellites flies over.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] TH-D7

From: Bojan Silic <bojan@rf.net>
Date: Sun, 14 May 2000 13:57:46 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83850-2000.05.14-15.50.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I have two issues:
1. Is it true that you can't send IGate messages with WinAPRS
    before you register the program? If so, is there any other software that
    will enable me to do that that is free?
2. Has anyone successfully operated TH-D7 in the KISS mode?
    My goal is to have my KPC9612+ on one end of the radio link and
    TH-D7 on the other in order to provide me with wireless internet connection.
    I would run both on 9600 baud UHF. All I know so far is that somehow
    I will have to be involved with TCPIP. I will have permanent internet connection
    on the KPC9612+ side, at home. My TH-D7 will be connected to my laptop.
    I would like to be able to go around and check my email with that laptop through
    the TH-D7. Would web browsing be possible? I imagine it would be slow
    but I would still be happy to get it working.
    So I have hardware in place and if you folks could fill me in on what software
    I need for this that would be great.

Thanks to all.
Bojan
KF6OUC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: Info on Packet operation

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 14 May 2000 16:49:41 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-83851-2000.05.14-15.51.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 14 May 2000, Glenn Cummings wrote:

> What are some frequencies for the satellites?

That is why I wrote APRStk. It integrates satellite tracking into APRS so
you can do both. In APRStk, just hit LIST-FREQS and it shows you their
freqs. If you ar connecte to a D7 or D700, APRStk will auto-tune the
radio and so you wont miss an passes. Just set the squelch and APRStk
will tune the radio whenever a satellite is in view...

Here are the ones:

UO22 = 435.120
KO23 = 435.170
KO25 = 436.5
TO31 = 436.925
SO35 = 145.825 (not always on)
AO27 = 436.8   voice
UO14 = 435.07 voice

See all about it

http://web.usna.navy.mil/~burninga/astars.html

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: Info on Packet operation

From: "Loyd C. Headrick" <kf4ugt@bellsouth.net>
Date: Sun, 14 May 2000 17:36:22 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83861-2000.05.14-16.35.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try http://www.packetradio.com

A good site for informantion on packet

Loyd
kf4ugt
----- Original Message -----
From: "Jon + Trisha Nichols" <jtnichols1@uswest.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, May 14, 2000 11:54 AM
Subject: [htaprs] Info on Packet operation

> I recently decided to try Packet with a TH-D7. I have printed out the
manual
> that came with the cable and have looked up the only Packet oriented club
in
> my area that I know of. Unfortunatly I have not had any success figuring
out
> how to make my first contact. Does anyone have any pointers?
>
> Thank You,
> Jon
>
>
>
> ---
> You are currently subscribed to htaprs as: kf4ugt@bellsouth.net

> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] DAYTON Planning

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 14 May 2000 17:42:39 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83862-2000.05.14-16.45.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone give us a detail of the local Dayton APRS network?
I will "assume" that the locals will install a "WIDE" within HT range of
the HARA arena. In this case then I would think that the following might
be a "travelers" recommendation?..

ENROUTE
1) Begin with whats appropriate in your area
2) Transition to RELAY,WIDE,WIDE as you enter unknown territority
3) When you get within 30 miles of the HAMVENTION, shift to WIDE,WIDE

If you pass through open areas with little/no APRS coverage consider
enabling UIDIGI ON, RELAY in your D700 mobile. BUT YOU MUST REMEMBER TO
TURN THIS OFF LATER when you get within 10 miles of the ARENA.

*** CAUTION **** I have discovered the following and if anyone else can
confirm this result, we need to get the word out...

*** If you EVER enter anything more than RELAY in your UIDIGI list in the
D700, such as RELAY,WIDE, then you MUST remember that simply changing it
back to just UIDIGI ON, RELAY does not appear to cancel the WIDE!. The
only way (I have found yet) is to change it to UIDIGI ON,RELAY,XXXX.

The XXXX will overwrite the internal TNC's rememberance of WIDE and thus
you wont continue to digi WIDE packets. If you do NOT do this, you will
be a VERY unpopular mobile WIDE forever...

Can anyone else confirm this. Or tell me how to get the TNC to forget the
"WIDE"?...(Im talking APRS mode here. Its OK in PACKET mode)...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] Earthmate and D700A

From: "Rick Olsen" <n6nr@arrl.net>
Date: Sun, 14 May 2000 16:11:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83871-2000.05.14-18.13.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone had any luck interfacing a Delorme Earthmate to a D700A?

de Rick, N6NR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] FS: Tekk Data Radios, Mitreks, Micor and a pk-96 TNC

From: "Doug Holcombe" <kb5yzi@netdoor.com>
Date: Sun, 14 May 2000 18:28:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83874-2000.05.14-18.33.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the following items for sale:

Motorola Mitrek
Model T44JJA6000AK
S/N 433HCW1089

Motorola Mitrek
Model T83JJA1900BK
S/N 433HE03743

Motorola Micor
Model T43RTA3200BA
S/N 303CEE1301

Two Tekk Data Radios
KS-1000 radio 5 watt

AEA 9600 Baud Packet Controller

I will also pay for the shipping (FedEx ground) on this items to you.
Everything is working and nothing wrong, just not interested in this anymore
:(
Had everything setup to be used for packet and APRS.
If you are interested in them or have questions please reply to my e-mail
address of kb5yzi@netdoor.com

Thanks

Doug
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] OBJECTS on the D700 & D7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 14 May 2000 20:01:07 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83878-2000.05.14-19.03.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One thing I would like to see more use of is OBJECTS from mobile D7 and
D700 operators reporting traffic conditions. Especially when we are all
enroute to Dayton. This is EASY to do for objects you pass on the
highway... (and to alert those behind you)...

Simply go to MENU, MYCALL and enter the name of the object. THen Hit BCON
a few tiems to tramsint. Once you see MYPOS to indicate that it was
digipeated, then restore MYCALL to your own call. Everyone within range
of you will see the traffic condition pop up on their LISTS, showing
their distance and direction to the problem. Great for route diversion.

NOTES:

1) EXAMPLES: TRFFC, COPS, WRECK, FIRE, CONST, DETOUR, FLOOD, RAIN
2) Remember there can only be one such named OBJECT in the area at a time,
so if someone has already posted one, then you may need to use a
different SSID to make yours unique.
3) These are one-time OBJECTS only, so they will slowly be bumped off
everyone's list.
4) Since the object used your vehicle as the POSIT reference, it will use
your ICON and CSE/SPD. THis is OK, but if you wanted to take the time,
you could also change the ICON. I wouild receommend the TRIANGLE ICON for
such traffic objects as first guess.

A good way to pass the driving hours to/from Dayton!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Re: Info on Packet operation

From: "Jon + Trisha Nichols" <jtnichols1@uswest.net>
Date: Sun, 14 May 2000 20:32:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-83892-2000.05.14-20.34.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thank you for the pointers. Yes, that particular model has the TNC built in.
There is no way I can reverse the leads. I have been able to get my tnc to
communicate with the PC using the Hyperterminal supplied with Windows. I
have been able to get the command function on my PC and have issued some
commands to the tnc successfully. But when I try to connect with a station
(Can't figure out how to do a general CQ to see if there are any packet
stations availible.) I get no response. The tnc transmits and my scanner
picks up the fact that it is, but I get no response back.

Any more suggestions?

Jon KC□GYI
----- Original Message -----
From: "David VanHorn" <dvanhorn@cedar.net>
To: "Jon + Trisha Nichols" <jtnichols1@uswest.net>
Sent: Sunday, May 14, 2000 2:19 PM
Subject: Re: [htaprs] Info on Packet operation

> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
> At 10:54 AM 5/14/00 -0500, you wrote:
> >I recently decided to try Packet with a TH-D7. I have printed out the
manual
> >that came with the cable and have looked up the only Packet oriented club
in
> >my area that I know of. Unfortunatly I have not had any success figuring
out
> >how to make my first contact. Does anyone have any pointers?
>
> Are you talking to the TNC? (Display should say "packet")
> If not, reverse the TX and RX leads. This is the most common mistake,
> caused by ambiguous manuals.
>
> - --
> Are you an ISP? Tired of spam?
> www.spamwhack.com A pre-emptive strike against spam!
>
> Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
>
> -----BEGIN PGP SIGNATURE-----
> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>
> iQA/AwUBOR78NYFlGDz1l6VWEQL7bgCfWHTdITOUzi1TYhx1xf6rKwXUwL0AniVH
> TyfBmWU2B2PdwLk3JLLsIkbV
> =o2QB
> -----END PGP SIGNATURE-----
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] Re: Info on Packet operation

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Mon, 15 May 2000 05:36:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-84002-2000.05.15-07.39.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think that the previous note was referring to the leads on your
interconnecting cable.
But since the terminal program and the D7 are communicating, that's probably
not the problem.

Ideas....
1.) To CQ, Set Beacon to a frequent value and set Btext to your CQ message

     frequent depends on the activity on the channel. If the activity is

light, every 30 seconds may be fine. If the problem is on your end,
and if there is a lot of activity, it could be annoying to holler CQ
every 5 seconds and and not be able to answer. Turn it off after a
connect (go to cmd mode [ctl-c], and BT Every 0, and return to CONV)

2.) Do you get APRS data on 144.39? If so, try contacting a nearby ham and see
if you can arrange some connect time.

On APRS, set you lat/lon and see who is in radio-shot using the
distance direction as a guide.. Use http://www.qrz.com or any call
look up. Lot's of us list our e-mail address. Work 'em on simplex
voice first to ensure a good path. When you line up some help, having
a phone or a second radio handy makes it easier to work out the
connection.

Let us know how it progresses.

Glenn, KG7IL in Renton, Washington

Jon + Trisha Nichols wrote:

> Thank you for the pointers. Yes, that particular model has the TNC built in.
> There is no way I can reverse the leads. I have been able to get my tnc to
> communicate with the PC using the Hyperterminal supplied with Windows. I
> have been able to get the command function on my PC and have issued some
> commands to the tnc successfully. But when I try to connect with a station
> (Can't figure out how to do a general CQ to see if there are any packet
> stations availible.) I get no response. The tnc transmits and my scanner
> picks up the fact that it is, but I get no response back.
>
> Any more suggestions?
>
> Jon KCøGYI

92. [htaprs] D7 & Status Text

From: "Dobbs, Mike" <mdobbs@amgen.com>
Date: Mon, 15 May 2000 09:43:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84056-2000.05.15-11.46.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am running my D7 with a Garmin GPSIII+ while mobile. How do I get my D7's
status text to appear on maps.findu.com or maps.aprs.net websites? Other
stations seem to be able to do this. I have position, course, and speed
getting through, but no status (or position comments...but I don't see these
for other stations either). I definitely have text in the status entry area
of the D7. Is there something I'm doing wrong?

Mike Dobbs
KG6BCP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] Re: D7 & Status Text

From: Cap Pennell <cap@cruzio.com>
Date: Mon, 15 May 2000 10:06:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84060-2000.05.15-12.08.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:43 AM 5/15/2000, Dobbs, Mike wrote:
>How do I get my D7's
>status text to appear on maps.findu.com or maps.aprs.net websites? Other
>stations seem to be able to do this.

Not sure exactly how this relates to the Kenwood radios, as I don't have
any yet, but generally, STATUS packets need to start with a ">". For example:

>Hello World! de Mike <mdobbs@amgen.com>

73, Cap KE6AFE

--
Cap Pennell
Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] RE: D7 & Status Text

From: "Dobbs, Mike" <mdobbs@amgen.com>
Date: Mon, 15 May 2000 10:27:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84068-2000.05.15-12.32.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cap,

That could be the problem...as the Kenwood manual never mentions this and so
I've never used it. Will give it a try soon.

73's,

Mike Dobbs
KG6BCP

> ----------
> From: Cap Pennell
> Sent: Monday, May 15, 2000 10:06 AM
> To: Dobbs, Mike; TAPR Hot Technology APRS
> Subject: Re: [htaprs] D7 & Status Text
>
> At 09:43 AM 5/15/2000, Dobbs, Mike wrote:
> >How do I get my D7's
> >status text to appear on maps.findu.com or maps.aprs.net websites?
> Other
> >stations seem to be able to do this.
>
> Not sure exactly how this relates to the Kenwood radios, as I don't have
> any yet, but generally, STATUS packets need to start with a ">". For
> example:
>
> >Hello World! de Mike <mdobbs@amgen.com>
>
> 73, Cap KE6AFE
>
> --
> Cap Pennell
> Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
> email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
> packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] Subject: F6FOZ Pierre Chastan

From: "Tom Clarke" <fclarke@erols.com>
Date: Mon, 15 May 2000 17:06:18 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84104-2000.05.15-16.08.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Fascinating I'm sure! Only if you speak French!!

Did someone toss a "tracker" on board for the transit up the ditch?

73

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] rand mcnally

From: "jeff" <jeff@k8sn.org>
Date: Mon, 15 May 2000 21:18:26 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84155-2000.05.15-20.16.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Someone had a web page that had all the info about the RM gps unit Can
someone post it here again?

thank you

jeff

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] Dayton Driving

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 15 May 2000 22:34:14 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84166-2000.05.15-21.36.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since HALF the fun for APRS is the fun of operating while driving to
Dayton, here is an idea to expand your horizons while you are out in the
boonies *and* have run out of local APRS QSO's...

If you use the MESSAGE GROUP of "DAYTON" then anyone else with the same
MESSAGE GROUP can share short messages. To send to this message group use
something like the following:

TO: DAYTON
MSG TEXT: CQ Enroute Dayton, now passing through Omaha

Now, this normally will go ONLY locally! BUT! it WILL go back to RF via
any IGate anywhere that has "heard" from any station with the CALL of
DAYTON.   To SEED your local IGate into thinking that there is a DAYTON
in your area, simply change MYCALL to DAYTON and send out a few packets
until you see at least one of them digipeated. At that point,
the IGate should ADD DAYTON to its local list for the next half hour or
so and now it will forward to your area any other messages addressed to
DAYTON.

To be legal, your STATUS text should contain DE YOUR_CALL since
you are using a "tactical" call of DAYTON temporarily.

Now, having seeded the local IGATE, return MYCALL to your own call and
simply watch your MESSAGEC list for anyone else using the DAYTON message
GROUP. Oh yes, of course, to see these, you must add DAYTON to yur APRS
MENU MESSAGE GROUP list (or just add the wildcard "*").

Now like anything else, DONT abuse this and THINK about what you are
doing.

1) Dont do this if you already have enough people to QSO via the RF
digis in your area. THis is only for those isolated with no one else to
play with.

2) Once you find someone to QSO even if across country, then stop using
the DAYTON MESSAGE group and change to HIS call directly to minimize QRM
everywhere else in the USA.

3) Avoid rush hours. THis is a play thing and dont let it add QRM to
rushhour traffic...

Enjoy!

De WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Re: TH-D7

From: "Maurice Andries" <mauricea@glo.be>
Date: Mon, 15 May 2000 19:23:01 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84263-2000.05.16-11.04.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Hi Bojan,

> 2. Has anyone successfully operated TH-D7 in the KISS mode?

I bought a TH-D7E a few weeks ago. However, it's not the old version but
the new 'revision 2'. This revision was done by KW because of the many
complaints (especially by European hams) that the TH-D7 did not work in
KISS and did not support DAMA (which is widely used over here).
I waited for version 2 of the TH-D7E and it works great with TFKISS on
1200 and 9600.

-----BEGIN PGP SIGNATURE-----
Version: PGP 6.5.2 -- QDPGP 2.61a
Comment: http://community.wow.net/grt/qdpgp.html

iQA/AwUBOSAkZrTqwKlYao0xEQLT8gCfT5o7LVCDTWannznLGjbU0EbmWkwAnj20
azkoW3R2S7hn9jX6y01CuQ1P
=OSzd
-----END PGP SIGNATURE-----
bye, Maurice   ON4BAM / M0CIL
on4bam@qsl.net or on4bam@arrl.net
http://www.qsl.net/on4bam
on-line logs of KL7/ON4BAM * M0CIL/C6A * other IOTA operations

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] Re: TH-D7

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Tue, 16 May 2000 11:25:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84268-2000.05.16-11.27.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently purchased an TH-D7A. I am still waiting for my call sign
assignment from the FCC, so I haven't been able to personally operate with it.
 However, I have encountered a frightening behavior where by some APRS packets
are crashing the radio and causing it to lockup. Worse than that, there
appears to be portions of the configuration memory that is becoming
overwritten.

Has anyone else experienced such behaviors?

The SN is 01200040. I do not know how to tell if this is a newer version
(I've had it for 2 weeks) or an older version.

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] Re: rand mcnally

From: "Tom Hoedjes" <hb9dod@topmail.de>
Date: Tue, 16 May 2000 20:57:14 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84301-2000.05.16-13.59.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Website for the gps info:

http://www.talon.co.nz/frames/gps1200.htm

RM has little but no info on their webpage

73 de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] FS: TWO Advanced Receiver Research Preamplifier

From: "Doug Holcombe" <kb5yzi@netdoor.com>
Date: Tue, 16 May 2000 15:47:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84316-2000.05.16-15.51.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the two following items that I don't need:

preamplifier SP432VDG

and

preamplifier P432VDG

$50 plus I will pay shipping on them.

Thanks!

Doug
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] APRS Dayton Talk-In!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 16 May 2000 22:20:28 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84345-2000.05.16-21.23.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood donated two D700's to use for the MAIN talkin at Dayton.

I sure hope someone is ELMERING the Talk-in committee on how to use this
gem effectively for APRS!!! If they dont activate the APRS features, what
a waste...

If anyone knows anything about this, please calm my worries...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] New TH-D7 Lock-up Problem?

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Tue, 16 May 2000 20:22:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84368-2000.05.16-22.25.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Having gone more than a year without any lock-up problem on my TH-D7A S/N.01000087 I
thought I had lucked out.

However, now it's really locked up. I was receiving APRS with my Garmin 45xl hooked up
to it.
Now the keypad is locked up. I tried holding the [F] and powering on as described on
page 32 of the manual. It just comes up in it's locked mode. Encoder changes the VFO,

but nothing else seems to have any effect.

I have held down the power + [F] key as I slide the battery on, and all I get is the
LED/LCD test, that is all segments of the LCD are lit (blackened) and the two LED on top
glow orange. No reset options offered, stays locked in the test mode.

I searched previous messages, found a lot of lock up problems but didn't find anything
like this.
Did I miss any relevant message? Any ideas?

Glenn, KG7IL in Renton, Washington

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] TM-D700A as digipeater, how?

From: "Stan Slonkosky" <ke6zc@earthlink.net>
Date: Tue, 16 May 2000 23:39:20 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84427-2000.05.17-01.40.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have both a TH-D7A and a TM-D700A. I want to use the D700 as a digipeater
as I take some short hikes from my pickup truck with the D7. (Today I was at
Petrified Forest Nat'l Monument.)

According to the Specialized Communications manual for the D700, p. 27, all
I need do is turn the digipeater on and make sure that UIDIGI is set to
"RELAY" or "WIDE.". I tried both with no success. The D7 and the D700
communicate with each other fine. The D700, with a 1/2 wave mag mount
antenna, was able to hear plenty of stations from Phoenix, Albuquerque and
other places that the D7, with an antenna only a few inches long (Comet
SMA503), could not receive. I had hoped to use the digipeat function in the
D700 to enable those stations to be repeated to the D7. PACKET PATH on the
D7 is set to "RELAY, WIDE".

What am I doing wrong?

TM-D700A is KE6ZC-8
TH-D7A is KE6ZC-7

Stan Slonkosky

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] thd-7 lockup power supply

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 17 May 2000 05:35:12 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84483-2000.05.17-07.35.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

over the last two years that i have had the origional version th-d7 i
have noticed that if i go from a dc power supplly, to the battery pack and
try to activate aprs it will lock up.

if i go from a car power supply, to a bench power supply and try to activate
aprs, it will lock up the keypad, or lock up in aprs xmit mode.

it for sure must be depedent on the voltage of the power supply source. i
have tried all sorts of dc sources, some with the same voltage and purity of
dc and it seems to go wacko just because i change supplys, even if they are
the same exact voltage.

i have to really watch it, because if its sunny, and i activate aprs, i have
to make sure when i boot up that it does not stick in xmit mode.

i discovered this problem a long time ago, and have lived and worked around
it.

i always use the kenwood cigarette adapter, but it does not seem to have
anything to do with filtering.

when it locks up the only thing to do is remove the battery pack.

see you all in dayton
 hanging out on the 442.1 machine

takeing my rig and gps mag mount]

find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Re: +AFs-htaprs+AF0- thd-7 lockup power supply

From: "Jon Ogden" <jono@enteract.com>
Date: Wed, 17 May 2000 08:36:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84491-2000.05.17-08.41.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are you turning the rig on and off before changing power supplies? If not,
you probably should. In the process of plugging in a DC supply while the
power to the radio is "on" you may end up getting some funky voltage spikes
or ground currents or something. That could cause the lockup. If you turn
off the radio when changing from battery to a DC supply, and then turn it
back on again, you should have no problem.

73,

Jon
NA9D
----- Original Message -----
From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 17, 2000 7:35 AM
Subject: [htaprs] thd-7 lockup power supply

> over the last two years that i have had the origional version th-d7 i
> have noticed that if i go from a dc power supplly, to the battery pack
and
> try to activate aprs it will lock up.
>
> if i go from a car power supply, to a bench power supply and try to
activate
> aprs, it will lock up the keypad, or lock up in aprs xmit mode.
>
> it for sure must be depedent on the voltage of the power supply source. i
> have tried all sorts of dc sources, some with the same voltage and purity
of
> dc and it seems to go wacko just because i change supplys, even if they
are
> the same exact voltage.
>
> i have to really watch it, because if its sunny, and i activate aprs, i
have
> to make sure when i boot up that it does not stick in xmit mode.
>
> i discovered this problem a long time ago, and have lived and worked
around
> it.
>
> i always use the kenwood cigarette adapter, but it does not seem to have
> anything to do with filtering.
>
> when it locks up the only thing to do is remove the battery pack.
>
> see you all in dayton
> hanging out on the 442.1 machine
>
> takeing my rig and gps mag mount]
>
>
> find me on a map!   go to   http://map.aprs.net/kd8s-7
>
>

>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-9138H@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] Re: TM-D700A as digipeater, how?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 17 May 2000 09:49:10 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-84493-2000.05.17-08.51.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Even set to WIDE, it will not digipeat ANY packet unless there is an
"unused" WIDE still available in the path. If the packets you were
hearing are WIDEn-N, or WIDE*, then they wont get digipeaterd...

bob
 On Tue,
16 May 2000, Stan Slonkosky wrote:

> I have both a TH-D7A and a TM-D700A. I want to use the D700 as a digipeater
> as I take some short hikes from my pickup truck with the D7. (Today I was at
> Petrified Forest Nat'l Monument.)
>
> According to the Specialized Communications manual for the D700, p. 27, all
> I need do is turn the digipeater on and make sure that UIDIGI is set to
> "RELAY" or "WIDE.". I tried both with no success. The D7 and the D700
> communicate with each other fine. The D700, with a 1/2 wave mag mount
> antenna, was able to hear plenty of stations from Phoenix, Albuquerque and
> other places that the D7, with an antenna only a few inches long (Comet
> SMA503), could not receive. I had hoped to use the digipeat function in the
> D700 to enable those stations to be repeated to the D7. PACKET PATH on the
> D7 is set to "RELAY, WIDE".
>
> What am I doing wrong?
>
> TM-D700A is KE6ZC-8
> TH-D7A is KE6ZC-7
>
> Stan Slonkosky
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Re: TM-D700A as digipeater, how?

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 17 May 2000 09:19:40 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84506-2000.05.17-10.22.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try using the cross-band repeater function to hop the 144.39 traffic up to an
available 70cm channel.

Stan Slonkosky wrote:

> I have both a TH-D7A and a TM-D700A. I want to use the D700 as a digipeater
> as I take some short hikes from my pickup truck with the D7. (Today I was at
> Petrified Forest Nat'l Monument.)

--
Brian KC0HIR
Mobile in the Miata

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: [htaprs] thd-7 lockup power supply

From: "Bob Hart" <rahart@hctc.com>
Date: Wed, 17 May 2000 08:25:07 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84509-2000.05.17-10.31.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: Jon Ogden <jono@enteract.com>

Subject: [htaprs] Re: [htaprs] thd-7 lockup power supply

>Are you turning the rig on and off before changing power supplies? If not,
>you probably should. In the process of plugging in a DC supply while the
>power to the radio is "on" you may end up getting some funky voltage spikes
>or ground currents or something. That could cause the lockup. If you turn
>off the radio when changing from battery to a DC supply, and then turn it
>back on again, you should have no problem.
>
>73,
>
>Jon
>NA9D

Hi Jon. When the battery pack on my D7 dies, the D7 starts to beep, beep
(feed me, feed me) and it will not turn off. Apparently there is not enough
power to operate the shut off circuitry. I have two choices, remove the
battery pack or plug it in to an external source. Obviously, while zipping
down the freeway, the safest choice is to plug it into the vehicle power
system. I have never had a lockup.

Bob Hart
WA7HRA
Hoodsport, WA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] Feed me? was: thd-7 lockup power supply

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 17 May 2000 09:54:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-84514-2000.05.17-10.56.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Hart wrote:

> When the battery pack on my D7 dies, the D7 starts to beep, beep
> (feed me, feed me) and it will not turn off.
>

Worse than that, when in beacon mode, the D7 will attempt to beacon, get
halfway into the transmission, get a voltage sag at the battery, reboot,
and then attempt to beacon again. (Beebeep, transmit, beebeep,
transmit, beebeep, transmit...)

I've heard many D7's flooding the airwaves with battery dying beacon
qrm. So I don't feel so bad when mine does it, now. Still, it's

embarrassing, and abusive of the bandwidth.

Yet another bug. A correct implementation would default the beacon
timer on start up to wait the full beacon delay period before the first
beacon.
--
Brian KC0HIR
"There ain't no bleeding hearts on the bleeding edge."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] TRACE & WIDEn-N

From: Bojan Silic <bojan@rf.net>
Date: Wed, 17 May 2000 09:11:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84516-2000.05.17-11.04.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I would like to know how exactly does the TRACEn-n and WIDEn-N work.
I know that every time a wide passes on a packet with WIDEn-N it subtracts
1 from the big "N" . But what happens when "N" becomes zero and "n" is
say 2 or 3. What is that little "n" for?
Can you use TRACEn-N with the D7? How is TRACE different than WIDE?
And my last question, where can I get the advanced manual for the
TH-D7A (for packet and APRS)? Is there maybe a copy of it online?
Thanks!
Bojan,
KF6OUC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] Re: +AFs-htaprs+AF0- Re: +AFs-htaprs+AF0- thd-7 lockup power supply

From: "Jon Ogden" <jono@enteract.com>
Date: Wed, 17 May 2000 11:04:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84518-2000.05.17-11.09.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hi Jon. When the battery pack on my D7 dies, the D7 starts to beep, beep
> (feed me, feed me) and it will not turn off. Apparently there is not
enough
> power to operate the shut off circuitry. I have two choices, remove the
> battery pack or plug it in to an external source. Obviously, while zipping
> down the freeway, the safest choice is to plug it into the vehicle power
> system. I have never had a lockup.

Why do you run it off battery while in the car then anyhow? If you have
external power available then why not run that all the time?

But you are correct. It is an annoying feature of the TH-D7A that when the
batteries begin to run low, that it keeps power cycling. Poor design in the
power/voltage monitor circuitry IMHO.

73,

Jon
NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Re: TRACE & WIDEn-N

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 17 May 2000 14:35:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-84539-2000.05.17-14.45.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I would like to know how exactly does the TRACEn-n and WIDEn-N work.
>I know that every time a wide passes on a packet with WIDEn-N it subtracts
>1 from the big "N" . But what happens when "N" becomes zero and "n" is
>say 2 or 3. What is that little "n" for?
>Can you use TRACEn-N with the D7? How is TRACE different than WIDE?
>And my last question, where can I get the advanced manual for the
>TH-D7A (for packet and APRS)? Is there maybe a copy of it online?

The short answer is that 'n' is a note to those who might care of the number
of hops that the originator of the packet wanted it to take. Now, nothing
says that you can't originate a packet with WIDE3-2 or WIDE3-1 to reduce the
hops from the onset.

If you read the APRS spec, version 101m, the section on WIDEn-N is brief and
alludes to no explicit meaning of 'n' for values less than 8. The higher
numbered values (8 and up) have directional indications for some form of
routing. But, I have heard that no one is using 'n' >= 8 for anything special
in existing TNCs or TNC software.

It would be nice if TNCs understood 'n' to be unique so that you could use
some value of 'n' locally to indicate special routing. But apparently, a
WIDEn digi will swallow and then spew out any WIDEn routed packet if 'N' does
not become 0 when it is processing it...

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: TM-D700A as digipeater, how?

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Wed, 17 May 2000 16:05:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84541-2000.05.17-14.58.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am flabbergasted at the answers everyone has given Stan ... re-read
his message ... he only set the UIDIGI, he did not page through the
rest of the menu and set DIGIPEATER ON ... it is not that difficult to
miss when you consider that the menu choices are poorly (IMHO)
grouped.

 73 de brian, ka2bqe

----- Original Message -----
From: "Stan Slonkosky" <ke6zc@earthlink.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 17, 2000 2:39 AM
Subject: [htaprs] TM-D700A as digipeater, how?

> I have both a TH-D7A and a TM-D700A. I want to use the D700 as a
digipeater
> as I take some short hikes from my pickup truck with the D7. (Today
I was at
> Petrified Forest Nat'l Monument.)
>
> According to the Specialized Communications manual for the D700, p.
27, all
> I need do is turn the digipeater on and make sure that UIDIGI is set
to
> "RELAY" or "WIDE.". I tried both with no success. The D7 and the
D700
> communicate with each other fine. The D700, with a 1/2 wave mag
mount
> antenna, was able to hear plenty of stations from Phoenix,
Albuquerque and
> other places that the D7, with an antenna only a few inches long
(Comet
> SMA503), could not receive. I had hoped to use the digipeat function

in the
> D700 to enable those stations to be repeated to the D7. PACKET PATH
on the
> D7 is set to "RELAY, WIDE".
>
> What am I doing wrong?
>
> TM-D700A is KE6ZC-8
> TH-D7A is KE6ZC-7
>
> Stan Slonkosky
>
>
> ---
> You are currently subscribed to htaprs as: brianbr@macconnect.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: TM-D700A as digipeater, how?

From: "Jon Ogden" <jono@enteract.com>
Date: Wed, 17 May 2000 15:38:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84543-2000.05.17-15.40.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian,

You missed him saying the following:

> > According to the Specialized Communications manual for the D700, p.
> 27, all
> > I need do is turn the digipeater on and make sure that UIDIGI is set
> to
> > "RELAY" or "WIDE.". I tried both with no success. The D7 and the

He said "turn the digipeater on." I think he did more than just set UIDIGI.

73,

Jon
NA9D
----- Original Message -----
From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 17, 2000 3:05 PM
Subject: [htaprs] Re: TM-D700A as digipeater, how?

> I am flabbergasted at the answers everyone has given Stan ... re-read
> his message ... he only set the UIDIGI, he did not page through the
> rest of the menu and set DIGIPEATER ON ... it is not that difficult to
> miss when you consider that the menu choices are poorly (IMHO)
> grouped.
>
> 73 de brian, ka2bqe
>
>
> ----- Original Message -----
> From: "Stan Slonkosky" <ke6zc@earthlink.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Wednesday, May 17, 2000 2:39 AM
> Subject: [htaprs] TM-D700A as digipeater, how?
>
>
> > I have both a TH-D7A and a TM-D700A. I want to use the D700 as a
> digipeater
> > as I take some short hikes from my pickup truck with the D7. (Today
> I was at
> > Petrified Forest Nat'l Monument.)
> >
> > According to the Specialized Communications manual for the D700, p.
> 27, all

> > I need do is turn the digipeater on and make sure that UIDIGI is set
> to
> > "RELAY" or "WIDE.". I tried both with no success. The D7 and the
> D700
> > communicate with each other fine. The D700, with a 1/2 wave mag
> mount
> > antenna, was able to hear plenty of stations from Phoenix,
> Albuquerque and
> > other places that the D7, with an antenna only a few inches long
> (Comet
> > SMA503), could not receive. I had hoped to use the digipeat function
> in the
> > D700 to enable those stations to be repeated to the D7. PACKET PATH
> on the
> > D7 is set to "RELAY, WIDE".
> >
> > What am I doing wrong?
> >
> > TM-D700A is KE6ZC-8
> > TH-D7A is KE6ZC-7
> >
> > Stan Slonkosky
> >
> >
> > ---
> > You are currently subscribed to htaprs as: brianbr@macconnect.com
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Etrex & D7

From: "Silic, Bojan" <Bojan.Silic@tropian.com>
Date: Wed, 17 May 2000 17:34:24 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84553-2000.05.17-19.36.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I just bought one Garmin Etrex GPS and I connected
it to the D7. It appears like the D7 is still transmitting the location
which was put in the MY POSITION menu.
I do have the Etrex set for NMEA out 4800.
My D7 has GPS enabled.
I even tried putting the null modem between the two and it still doesn't
work.
What could be the problem?

Regards,
Bojan
KF6OUC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: Etrex & D7

From: "Travis J. Maclay" <travis@btea.org>
Date: Wed, 17 May 2000 22:48:32 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-84577-2000.05.17-21.50.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What does the D7 show when you press the POS button on the keypad? If you
are correctly connected to the GPS, while waiting for a "lock" between the
radio and GPS, you should see the degree symbols flashing. When a lock is
made, you will then see your coordinates and you will hear a small 3
syllable beep.

Also, FYI, the radio will not get a position from the GPS unless you have
the TNC turned on. Make sure the TNC is on, but not in Packet mode. Once
you have the TNC enabled, try the POS button and see if you are getting a
fix from the GPS.

And do make sure that the radio is set to NMEA under the GPS UNIT menu
command (2-2).

Let me know if that still does not do it.

73's de KF4PYA
Travis

----- Original Message -----
From: "Silic, Bojan" <Bojan.Silic@tropian.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 17, 2000 8:34 PM
Subject: [htaprs] Etrex & D7

> Hi all,
>
> I just bought one Garmin Etrex GPS and I connected
> it to the D7. It appears like the D7 is still transmitting the location
> which was put in the MY POSITION menu.
> I do have the Etrex set for NMEA out 4800.
> My D7 has GPS enabled.
> I even tried putting the null modem between the two and it still doesn't
> work.
> What could be the problem?
>
> Regards,
> Bojan
> KF6OUC
>
>
>
> ---
> You are currently subscribed to htaprs as: travis@btea.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] RE:Etrex & D7

From: "Silic, Bojan" <Bojan.Silic@tropian.com>
Date: Wed, 17 May 2000 20:25:10 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84590-2000.05.17-22.27.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for all of your help. Got it working!
It was a grounding problem. One cable had
the ground connected to the shield only and not the pin # .
Thanks to all for walking me through the troubleshooting
process.
73,
KF6OUC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] APRS in Orlando

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 17 May 2000 22:32:28 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84591-2000.05.17-22.35.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will be in the Orlando, FL area soon, what digis are present in that area,
and what VHF or UHF repeaters would provide good contact?

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] USB cable?

From: "Bryce L. Bills" <Iakovos@prodigy.net>
Date: Thu, 18 May 2000 00:35:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84598-2000.05.17-23.31.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is it possible to use the USB port on my laptop to recieve the input from my D7 instead of the 9-pin
serial port. If so, does anyone know how to construct the necessary cable, or have schematics for it.
The laptop I want to use is a Sony VAIO supeslim, that needs a port replicator to use the serial port,
but has a USB port on the actual frame of the computer. It would definitely make mobile use easier.

Thanks, and 73!
KD7FGG.

121. [htaprs] Re: USB cable?

From: Eric Horst <erich@cac.washington.edu>
Date: Wed, 17 May 2000 21:50:02 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-84601-2000.05.17-23.52.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Funny, I was just considering the same thing for my new VAIO. I've been
looking and you can get USB to Serial converters from several vendors.
Some are bulky boxes but there are a couple that are simply a cable with
USB on one end and a slightly bulky (housing the electronics) DB9 on the
other. Most are $50-60.

There are also PC card to serial devices too but I haven't tracked any
down to price them.

The other option is to whack the cable off the port replicator, guess
which pins are the serial port and put a DB9 on it. Unfortunately that
isn't so cheap or easy. But the port replicator is pretty lame anyway.

Good luck!

--Eric, KA7OBN

On Thu, 18 May 2000, Bryce L. Bills wrote:

> Is it possible to use the USB port on my laptop to recieve the input
> from my D7 instead of the 9-pin serial port. If so, does anyone know
> how to construct the necessary cable, or have schematics for it. The
> laptop I want to use is a Sony VAIO supeslim, that needs a port
> replicator to use the serial port, but has a USB port on the actual
> frame of the computer. It would definitely make mobile use easier.
>
> Thanks, and 73!
> KD7FGG.
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

122. [htaprs] RE: USB cable?

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Thu, 18 May 2000 09:26:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84655-2000.05.18-08.29.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You would need an serial to USB converter.   If you are running Win98 (and
maybe Win2000) it should work.   Converters run about $50 I think and
available from several vendors including Belkin.

73
Paul
KR4YL
pk@ij.net
  -----Original Message-----
  From: bounce-htaprs-3730@lists.tapr.org
[mailto:bounce-htaprs-3730@lists.tapr.org]On Behalf Of Bryce L. Bills
  Sent: Thursday, May 18, 2000 12:35 AM
  To: TAPR Hot Technology APRS
  Subject: [htaprs] USB cable?

  Is it possible to use the USB port on my laptop to recieve the input from
my D7 instead of the 9-pin serial port. If so, does anyone know how to
construct the necessary cable, or have schematics for it. The laptop I want
to use is a Sony VAIO supeslim, that needs a port replicator to use the
serial port, but has a USB port on the actual frame of the computer. It
would definitely make mobile use easier.

  Thanks, and 73!
  KD7FGG.

123. [htaprs] Re: TRACE & WIDEn-N

From: Cap Pennell <cap@cruzio.com>
Date: Thu, 18 May 2000 06:53:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-84660-2000.05.18-09.01.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:35 PM 5/17/2000, Gregg G. Wonderly wrote:
><snip>Now, nothing
>says that you can't originate a packet with WIDE3-2 or WIDE3-1 to reduce the
>hops from the onset.

Right. Except that you would want to express the two examples above as
WIDE2-2 and WIDE1-1 to show the receiving station how many hops you started
with.
73, Cap KE6AFE

--
Cap Pennell
Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] Re: [Cap Pennell] Re: TRACE & WIDEn-N

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 18 May 2000 09:03:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-84662-2000.05.18-09.06.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>At 12:35 PM 5/17/2000, Gregg G. Wonderly wrote:
>Right. Except that you would want to express the two examples above as
>WIDE2-2 and WIDE1-1 to show the receiving station how many hops you started
>with.

Except in the case where you wanted to suggest a longer path might be
necessary to reach you...

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] Re: USB cable?

From: David Vrona <dave@vrona.com>
Date: Thu, 18 May 2000 09:39:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84664-2000.05.18-09.41.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes!!!

Go to http://www.entrega.com (actually they are owned by Xircom now but
the page will redirect you).

They have a nice USB to 9 pin serial cable. It really helped me clean up
my mobile installation as I too had to have a port replicator on my Toshiba
Portege in order to get a serial port.

dave

At 12:35 AM 5/18/00 -0400, Bryce L. Bills wrote:
>Is it possible to use the USB port on my laptop to recieve the input from
>my D7 instead of the 9-pin serial port. If so, does anyone know how to
>construct the necessary cable, or have schematics for it. The laptop I
>want to use is a Sony VAIO supeslim, that needs a port replicator to use
>the serial port, but has a USB port on the actual frame of the computer.
>It would definitely make mobile use easier.
>
>Thanks, and 73!
>KD7FGG.
>

--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Re: [Cap Pennell] Re: TRACE & WIDEn-N

From: "Silic, Bojan" <Bojan.Silic@tropian.com>
Date: Thu, 18 May 2000 15:33:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84701-2000.05.18-17.35.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, so what is the difference between WIDE and TRACE?
73,
Bojan
KF6OUC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Re: [Cap Pennell] Re: TRACE & WIDEn-N

From: Cap Pennell <cap@cruzio.com>
Date: Thu, 18 May 2000 21:12:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84746-2000.05.18-23.31.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:03 AM 5/18/2000, Greg wrote:
> >Right. Except that you would want to express the two examples above as
> >WIDE2-2 and WIDE1-1 to show the receiving station how many hops you started
> >with.
>
>Except in the case where you wanted to suggest a longer path might be
>necessary to reach you...

Sounds fine to me, Greg, as long as we're not suggesting paths that are too
long (cause too many dupes or collisions). My only concern with even them
is possible "reduced throughput" for all the users.

While the WIDEn-N convention, of course, has been to use the same number
for n and N (in order to assist the listener know the number of hops used
by the sender), the n can be set to any number from 1 to 7. It's only the
N that actually determines the number of hops a packet takes (at least in

current Kantronics WIDEn-n digis).
73, Cap KE6AFE

--
Cap Pennell
Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: [Cap Pennell] Re: TRACE & WIDEn-N

From: Cap Pennell <cap@cruzio.com>
Date: Thu, 18 May 2000 21:30:02 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84762-2000.05.19-00.16.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:33 PM 5/18/2000, Bojan KF6OUC wrote:
>OK, so what is the difference between WIDE and TRACE?
>73,
>Bojan
>KF6OUC

WIDE came first. Then there was TRACE. Now there's WIDEn-n and TRACEn-n.
:)
This is best answered in the APRSdos README text files. Scroll down to
DIGIPEATERS at:
http://www.dididahdahdidit.com/dosaprs.htm

Or get APRSdos846 (runs fine on Windows98SE too) at:
http://www.tapr.org/tapr/html/Faprssig.html
73, Cap KE6AFE
--
Cap Pennell
Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] HamHUD II PCB Pictures Up

From: Steve Bragg <steveb@skymaster.c2-tech.com>
Date: Fri, 19 May 2000 15:17:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84851-2000.05.19-15.18.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRSers,

Pictures of the new HamHUD printed circuit boards are up:

http://www.c2-tech.com/~steveb/hamhud/index.html

We are currently sold out (48 boards snapped up in just a couple days),
but another run is already being started! Thanks to the many who have
started building a HamHUD.

73,

Steve Bragg KA9MVA
--
Steve Bragg KA9MVA, RF Engineer
C2 Technologies, Inc.
100 Reunion Center, 9 East 4th, Tulsa, Oklahoma 74103
ICQ:29816109
HamHUD Smart Trackers! http://www.c2-tech.com/~steveb/hamhud

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Re: Jornada 540 series terminal emulator

From: Carl <carl_mail@dr.com>
Date: Sat, 20 May 2000 09:10:26 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-84967-2000.05.20-03.10.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nope. Not yet, but Ive ordered the casseopeia e515 so will probably need
one then :)

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Re: 9600 Baud NMEA Output

From: Carl <carl_mail@dr.com>
Date: Sat, 20 May 2000 09:10:21 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-84968-2000.05.20-03.10.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have one question: Is there any benefit to running 9600 baud
> on the GPS? I don't see any, I was just wondering if there is anything that
> I can't think of..
> Chris

Um. I did for a while - so I could have the TNC set to 9k6 for talking to my
palmtop and then switch over to GPS mode. The palmtop software didnt like
4k8?

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] Resets from TM-D700 in APRS-Mode

From: "Thomas Lindner" <DL2RUM@csi.com>
Date: Sat, 20 May 2000 9:2:10
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-84984-2000.05.20-09.04.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With TNC in APRS Mode:

When tuned the radio to a local digipeater,
I'm not able to monitor binary packets. The TNC will reset every minute, or
shut down the radio. During "normal" ASCII traffic, or APRS datas on the
digi is all okay.

Can somebody confirm or duplicate this failure, or is my radio faulty?

Any ideas?

Greetings from Hamburg de Tom, DL2RUM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Re: Resets from TM-D700 in APRS-Mode

From: "Valentino Sarro, VE6SZR" <sarrov@home.com>
Date: Sat, 20 May 2000 10:27:09 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-84995-2000.05.20-11.31.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I submitted some information to Bob, WB4APR about a month ago which told
of a situation that I experienced (with ASCII data) that caused a D700
mobile to change modes or shut off as well. I believe it was forwarded

to Kenwood, however I don't think they've responded yet.

It would appear, that based on your experience and mine, that possibly
some or all D700 may have a problem in this regard.

Tino/VE6SZR

Thomas Lindner wrote:
>
> With TNC in APRS Mode:
>
> When tuned the radio to a local digipeater,
> I'm not able to monitor binary packets. The TNC will reset every minute, or
> shut down the radio. During "normal" ASCII traffic, or APRS datas on the
> digi is all okay.
>
> Can somebody confirm or duplicate this failure, or is my radio faulty?
>
> Any ideas?
>
> Greetings from Hamburg de Tom, DL2RUM
>
> ---
> You are currently subscribed to htaprs as: sarrov@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: PGPfreeware 6.5.3 for non-commercial use <http://www.pgp.com>

mQGiBDkaTHARBADZgDSNJr8QklKQHi2a7j2w4bbK/FBP0qGsFjCQpKP5lEv5W2KF
4AWCryMutpjMtfvASkG/KjWvMydPZfwEeJL++AcqWIPScfabfGajBVJpw1L5lMJT
bvxVbYxG2uo1FZeNUQhZKv6fSRfYKWINX4cBzYle+EdtcXUJ4IpuOkGmawCg/yBJ
hWdWvurDIVclkN+9+JaP5IED/19Z+5y0oBn36mkpY5BpWXotLxRIPycZZN6cELkx
34aub7xOnHef/ABmxsnqZQJzpaPi7OafYS0tTom5BTVU4tcxR7Du4BComrk+fjCI
Msoshb4ZbZZtYuMub2N0570M3WPfFYcaTpV2aQ5ANyzy6tav0tKni2LpkLPQ9Wmn
AWxHA/9sV8CnChSYLmaVs1fcoum5M5KJP0JCHzW8BxN2eoR3lulc73ocnvKOIA9e
LPSWQYOR305D9KFYe+bc7132ULa3TPsljJFmVz4IFRc7Ei0alcXnLmQqX3H7jclg
/6TjwsNAKMrDP5isVuihcPK5LljfCyvD5NJ4p+c9PGRDCA1s67QfVmFsZW50aW5v
IFNhcnJvIDx2ZTZzenJAcmFjLmNhPokAVAQQEQIAFAUCORpMcAUJAeEzgAQLAwIB
AhkBAAoJEDEQwPPj9+QwNkMAnjKQdvtbNd00OGi8Q/CukcY1MakQAKCxjPb0Wa1x
1+x6F6NxIxwHHV0isrkEDQQ5GkxwEBAA+RigfloGYXpDkJXcBWyHhuxh7M1FHw7Y
4KN5xsncegus5D/jRpS2MEpT13wCFkiAtRXlKZmpnwd00//jocWWIE6YZbjYDe4Q
Xau2FxxR2FDKIldDKb6V6FYrOHhcC9v4TE3V46pGzPvOF+gqnRRh44SpT9GDhKh5
tu+Pp0NGCMbMHXdXJDhK4sTw6I4TZ5dOkhNh9tvrJQ4X/faY98h8ebByHTh1+/bB
c8SDESYrQ2DD4+jWCv2hKCYLrqmus2UPogBTAaB81qujEh76DyrOH3SET8rzF/Ok
QOnX0ne2Qi0CNsEmy2henXyYCQqNfi3t5F159dSST5sYjvwqp0t8MvZCV7cIfwgX
cqK61qlC8wXo+VMROU+28W65Szgg2gGnVqMU6Y9AVfPQB8bLQ6mUrfdMZIZJ+AyD
vWXpF9Sh01D49Vlf3HZSTz09jdvOmeFXklnN/biudE/F/Ha8g8VHMGHOfMlm/xX5
u/2RXscBqtNbno2gpXI61Brwv0YAWCvl9Ij9WE5J280gtJ3kkQc2azNsOA1FHQ98
iLMcfFstjvbzySPAQ/ClWxiNjrtVjLhdONM0/XwXV0OjHRhs3jMhLLUq/zzhsSlA
GBGNfISnCnLWhsQDGcgHKXrKlQzZlp+r0ApQmwJG0wg9ZqRdQZ+cfL2JSyIZJrqr
ol7DVes91hcAAgIP/Rwv1p3w4vjfR3vzSKpfJiSgFf7jLdFHO6IJWENYFXoiysZK
etd9wqvVhkRclJ98NbG50EiVuOpGAntJc7oQhYUyGzYFKu6QWecxOzIKN9MQezSj
tF0g7t9l7e5DLOcCf/LMnpjln1prT7g9UE3t8HfBH8gwMdwXPFD5bI0rH0Ydo+ii
KNrLVPD/RIY2dp3w8hn3Gxq2T4nmIBVH7AEITcgp7RuqcoP0IYrxX3kDE1mvSs7+
zKsE/SgMNsu5BuAH5pYi936xtLc7/cuhtcj3y7ptNQZ+E8XTcMqJ/U5ur+rzfwP2
oYrIUUcAY/K3lc3NJzWuwTf/MIrIswqa2P7nFesnioSkSSqkYFtd+u7cd+i1U6+H
Bv8HDnsue2UYs8VmZv6GrQ5ybLaYCZoq8pVIYVTMVHTCMVEXyaHXv2o5fWKpB4Ja
UNdEQUBRg40BHx7WmbE7lCdDf4lB8ke3irucpj1hyxxd57CdshaHeHn3qpzVTyhf
XcV9Pfq1zcYcytNkfQcGZ2mq0IgDOJWsoDxwZghm0sZ6LAgwbViS9hCi6gDQo7wM
TP/nK0ROvhDybwCKRZk8DyCbyIP2yHPc2kZOM8pcXjUCRKGFJ4EQYFJcaqNJgp8s
2IjpbZhAziRv/UNGSknxiQz1BBpaT5ENQvIewYslxgtQi5HAcpPucJHzoa0miQBM
BBgRAgAMBQI5GkxwBQkB4TOAAAoJEDEQwPPj9+QwwcQAoOSoIqjTxD921GsEEUdz
Ib0KcEZQAKCPbDNuld6BP4mHT0xhh6Q9e/dEGA==
=JuY2
-----END PGP PUBLIC KEY BLOCK-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] MIR & APRS?

From: "Steve Sande" <kc0ezh@arrl.net>
Date: Sat, 20 May 2000 13:56:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85040-2000.05.20-13.58.46--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I haven't visited the SIG in a few months, so excuse me if I'm asking a question that has been answered previously...

When MIR was last occupied in 1999, I was having a great time making APRS QSOs with the station. I was just wondering if the new crew is operating their station...

Steve
KC□EZH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] Messages via Kenwood 700

From: JULIUS GRESHAM <k4min@worldnet.att.net>
Date: Sat, 20 May 2000 17:32:46 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: A-Jody <hotwar@earthlink.net>
Message-ID: <LYR845-85060-2000.05.20-16.31.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have two 700's (truck & Jeep) and my son also has a 700. I can send him msg's from either 700 and he receives them okay. If I send him a msg from my base station (using a Kantronics 3 Plus), he never receives them, yet I receive his. And yes, I can send msg's to both of my vehicles from my base station with no problem. I'm confused and would appreciate any comments. 73, "J".

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] TH-D7A version

From: "kd5hme" <carpman@yifan.net>
Date: Sun, 21 May 2000 7:2:34
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85144-2000.05.21-07.04.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just bought a D7A, and I was wondering how to find out which firmware version is installed in it. I want to play with 9600 baud tcp/ip. I have heard of an undocumemted kiss mode, does anyone know if it works on the A models?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] APRS CE hookups

From: "Myrt Webb" <mwwebb@cyberport.net>
Date: Sun, 21 May 2000 18:07:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85210-2000.05.21-19.09.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cannot seem to figure out how to hook up my TH-D7 with my Casio E-100 running APRS-ce.

Right now I have my Garmin 12xl gps hooked into the TH-D7 gps port and it works. I get a position in the radio.

Trouble comes when I try to connect the TH-D7 and access the tnc. I made two cables one for RX(2.5mm) and one for TX(3.5mm) like the TH-D7 manual says. I have tried connecting rx to pin 2 going into a null modem adapter and to pin3 no luck. I have also tried tx to pins 2 and 3. No matter what the combination APRS ce will not open the port for the tnc. Also some funny things happen like the radio freezing on transmit or receive.

I have the tnc aprs-ce settings at com1, tn2, and 4800 baud.

I need some suggestions on how I can go about getting this to work.

Myrt
KB7ZPE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Re: APRS CE hookups

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sun, 21 May 2000 19:17:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-85212-2000.05.21-19.21.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Myrt Webb wrote:
>
> Cannot seem to figure out how to hook up my TH-D7 with my Casio E-100
> running APRS-ce.
>
> Right now I have my Garmin 12xl gps hooked into the TH-D7 gps port and it
> works. I get a position in the radio.
>
> Trouble comes when I try to connect the TH-D7 and access the tnc. I made two
> cables one for RX(2.5mm) and one for TX(3.5mm) like the TH-D7 manual says. I
> have tried connecting rx to pin 2 going into a null modem adapter and to
> pin3 no luck. I have also tried tx to pins 2 and 3. No matter what the
> combination APRS ce will not open the port for the tnc. Also some funny
> things happen like the radio freezing on transmit or receive.
>
> I have the tnc aprs-ce settings at com1, tn2, and 4800 baud.
>
> I need some suggestions on how I can go about getting this to work.
>
> Myrt
> KB7ZPE

Hi Myrt

My first understanding is that you are trying to use audio
for transmit and receive from the Casio?

The Casio is used as a computer and is plugged into the PC
connection of the D7A, not audio tx and rx..

To use the TNC then as a Packet tnc and running WinCE, the
D7A must show TNC Packet on the LCD. It runs at 9600,N,8,1
as the manual suggests. Does this help? Or am I
misunderstanding your problem Myrt?

Good luck es 73,

Robbie WA9INF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] RE: APRS CE hookups

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sun, 21 May 2000 22:32:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85220-2000.05.21-22.35.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Myrt,

I am able to use AprsCe and E-100 with a PacComm Pico Packet and
a null modem adapter.

You might try shutting down all other applications on the E-100 before
attempting to use AprsCE. I have had problems with other applications
seizing the single serial port.

I connected the null modem adapter to a serial port on my desktop
machine for testing purposes. Make sure you do not have ActiveSync
running when you do this. If AprsCE data appears in your desktop
terminal program window, then it is likely that you have a D7 cabling
problem.

Not sure I understand your serial port settings. 4800 tn2?

HTH,
Bill KC9XG

On Sunday, May 21, 2000 7:07 PM, Myrt Webb [SMTP:mwwebb@cyberport.net] wrote:
>Cannot seem to figure out how to hook up my TH-D7 with my Casio E-100
>running APRS-ce.

>Right now I have my Garmin 12xl gps hooked into the TH-D7 gps port and it
>works. I get a position in the radio.

>Trouble comes when I try to connect the TH-D7 and access the tnc. I made two
>cables one for RX(2.5mm) and one for TX(3.5mm) like the TH-D7 manual says. I
>have tried connecting rx to pin 2 going into a null modem adapter and to
>pin3 no luck. I have also tried tx to pins 2 and 3. No matter what the
>combination APRS ce will not open the port for the tnc. Also some funny
>things happen like the radio freezing on transmit or receive.

>I have the tnc aprs-ce settings at com1, tn2, and 4800 baud.

>I need some suggestions on how I can go about getting this to work.

>Myrt
>KB7ZPE

> << File: ATT00000.txt; charset = Windows-1252 >>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] New! Satellite Digital Messaging

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 22 May 2000 01:17:48 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-85247-2000.05.22-00.20.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This weekend, coincident with the Dayton Hamvention 2000, ushered in a new
milestone in personal wireless world wide amateur satellite message
communications. Following several months of on-air testing, and the
convergence of several new announcements, mobile-to-mobile and handheld
amateur satellite message communications are now a reality!

At Dayton, Kenwood revealed the 9600 baud upgrade to their existing
1200 baud APRS handheld, Alinco revealed their new 1200/9600 baud data
radio, and the South African SUNSAT team announced the availability of
their satellite for APRS type UI messaging when not in use for scheduled
voice passes.

Using the built in 9600 baud TNC's in the Kenwood and ALinco data radios
and the effecient APRS messaging protocol, it is possbile for simple
mobile or even handheld stations with simple antennas to communicate
briefly via SUNSAT or any satellite that is enabled for UI digipeating.

ALthough the recent growth in FM voice satelites has sparked
excitement throughout a new generation of satellite enthusiasts,
the short, single channel voice operations are highly competitive
and difficult to share equitably among a large number of users.

But with one-line APRS messaging, each packet taking less than a second,
there is potential for far more stations to share the satellite during
each pass while also getting short but meaningful communications through
the bird.

In addition, being in digital form, any station receiving these packets
can link them into the worldwide APRServe internet system for
real-time delivery back to terrestrial RF anywhere on the planet.

The following example says it all. During the Dayton Hamvention Sunday
morning SUNSAT pass, I was trying to demo 9600 baud handheld reception
in the fleamarket area using nothing but my HT and whip antenna. Hearing
nothing but 60-over S9 interemod, I gave up and put the HT in my pants
pocket and continued my shopping. A few minutes later I heard the
tale-tale beep from my HT indicating a new message.

Thinking it was just another message from my buddies at the
hamfest, I casually pulled it from my pocket and was surprised

to see that it was a BULLETIN from SUNSAT! It was one of the handful
of Bulletins that SUNSAT downlinks and it was announcing that this
capability was now open for general use. There could not have been
a better and more fulfilling conclusion to our previous testing than this
serendipitous reception.

Thus, an Amateur Satellite Message was delivered to a non-optimized
in-attentive handheld user using EXISTING amateur radio equipment. What
makes this possible is the 6 dB stronger downlink transmitter and 9 dB
better 2 meter path loss compared to the other 9600 baud UHF downlink
PACSATS.

Although it might appear that the return path on UHF from the HT
back to the satellite would be impossilbe due to the additional 9 dB
path loss, the presumption is that an HT user with an outgoing
message would be aware of the pass and would use a handheld
beam to make up for the difference. Thus, we have worldwide amateur
satellite HT message capability anywhere. (Note, due to the real
time digipeating of these messages, there must be groundstation
somewhere within the same satellite footprint, about 2000 miles
to send/capture these packets.)

But even without beams on the uplink OR downlink, we can still do two-way
messaging to handhelds.... Here's how...

Some other non-published testing via a 9600 baud satellite has
taken advantage of the 9dB 2 meter uplink advantage and has demonstrated
reliable UPLINK of packets from HT's with omni whip antennas and
non-tracking, un-attentive style message delivery. THus, if one of the
existing mode J PACSATS were enabled for UI APRS style messaging, then the
combined two bird constellation of SUNSAT making message delivery and the
PACSAT relaying return traffic, gives us a worldwide two way shirt-pocket
amateur satellite messaging capability!

The real excitement is that we are doing this now, today. It requires
NO new satellites and NO software mods to the existing birds. Two way
messaging is possible HT-to-HT and mobile-to-mobile. Further enhancements
linking this in to the terrestrial APRS worldwide internet linked
infrastructure that then gives global real-time delievery is simply a
matter of adding simple omni antenna receivers at a few of the existing
APRS IGates and a little software.

For details of this exciting new mobile satellite capability and the
years of UI digipeating testing leading up to it, see:

http://web.usna.navy.mil/~bruninga/astars.html

We expect this site to change rapidly as more experimentation is conducted
on this mode of communications. SO check back in a week or so when we
condense all this new info...

We hope this realtime-messaging capability will provide a new lifeline
for amateur stations on-the-go, in the wilderness, at sea and anywhere
else that is beyond the reach of terrestrial amateur communications.

de WB4APR, Bob Bruninga

Satellite Ground Station, US Naval Academy, Annapolis, MD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] 9600 upgrade to TH-D7

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Mon, 22 May 2000 14:22:58 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85268-2000.05.22-07.27.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

I have just read a posting on this group about a 9600 upgrade to the D7's HT's could some one please
tell me more as I was not at Daytona. Also did any one see if Kenwood launched a mobile HF+2m+70cm and
6m combo rig. Any info on that one too would go down a treat.

Many thanks

Peter
ZR5DWC
QTH KLOOF KWA-ZULU NATAL SOUTH AFRICA

142. [htaprs] new D7A firmware

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Mon, 22 May 2000 07:38:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85281-2000.05.22-08.15.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello

Anyone know when or where the programming software
for the new D7A firmware will be available?

Thanx
Flip N9AZZ
fminton@midwest.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] re: new D7A firmware

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Mon, 22 May 2000 08:38:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85284-2000.05.22-08.40.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I should have been more specific.

I had the new firmware burnt into my D7A at Dayton. I am looking for the new
mcp_d7 programming software. The old one doesn't work anymore.

Also the new firmware is available from Kenwood for around 60 bux. You have
to send your rig to them for this upgrade.

Flip N9AZZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] re: new D7A firmware

From: "Chris Schwab" <n4bsa@n4bsa.dynip.com>
Date: Mon, 22 May 2000 09:50:32 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85287-2000.05.22-08.52.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Flip (or someone else)

Could you give us some details on the new firmware?

What's the advantage to doing it (besides 9600 baud aprs)?

Chris
N4BSA

-----Original Message-----
From: Richard "Flip" Minton <fminton@midwest.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Monday, May 22, 2000 9:38 AM
Subject: [htaprs] re: new D7A firmware

>I should have been more specific.
>
>I had the new firmware burnt into my D7A at Dayton. I am looking for the
new
>mcp_d7 programming software. The old one doesn't work anymore.

>
>Also the new firmware is available from Kenwood for around 60 bux. You have
>to send your rig to them for this upgrade.
>
>Flip N9AZZ
>
>
>---
>You are currently subscribed to htaprs as: 1schwab1@tampabay.rr.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] re: new D7A firmware

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Mon, 22 May 2000 09:04:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85289-2000.05.22-09.06.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well it is quite extensive. It in the words of the Kenwood rep
it's the same features of the D700 firmware. The comparison sheet I received
front and back full of changes.

>From the little time I've had after returning, it seems the same,
as the 700, but I'm pretty well pooped after working for a dealer over there
since Wednesday.

If you are not familiar with the D700 firmware maybe I can
scan this sheet in and send it to you direct.

Flip N9AZZ

----- Original Message -----
From: Chris Schwab <n4bsa@n4bsa.dynip.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Monday, May 22, 2000 8:50 AM
Subject: [htaprs] re: new D7A firmware

> Flip (or someone else)
>
> Could you give us some details on the new firmware?
>
> What's the advantage to doing it (besides 9600 baud aprs)?
>
> Chris
> N4BSA
>
> -----Original Message-----
> From: Richard "Flip" Minton <fminton@midwest.net>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Date: Monday, May 22, 2000 9:38 AM
> Subject: [htaprs] re: new D7A firmware
>
>
> >I should have been more specific.
> >
> >I had the new firmware burnt into my D7A at Dayton. I am looking for the
> new
> >mcp_d7 programming software. The old one doesn't work anymore.
> >
> >Also the new firmware is available from Kenwood for around 60 bux. You
have
> >to send your rig to them for this upgrade.
> >
> >Flip N9AZZ
> >
> >
> >---
> >You are currently subscribed to htaprs as: 1schwab1@tampabay.rr.com
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >

>
>
> ---
> You are currently subscribed to htaprs as: fminton@midwest.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] RE: 9600 upgrade to TH-D7

From: "Jon Ogden" <jono@starnetinc.com>
Date: Mon, 22 May 2000 09:54:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85300-2000.05.22-10.00.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> I have just read a posting on this group about a 9600 upgrade
> to the D7's HT's could some one please tell me more as I was
> not at Daytona. Also did any one see if Kenwood launched a
> mobile HF+2m+70cm and 6m combo rig. Any info on that one too
> would go down a treat.
>

Hi Peter,

First, the TH-D7A has a significant upgrade available for it. It is the
TH-D7A(G). The upgrade will be regularly available after June 1st from what
I have been told. The cost will be $60.00 US.

The upgrade does several things including:

* Fixes the TNC crashes from lots of activity and packet data
* Allows cross band TNC operation
* Allows multiple status messages
* Position ambiguity
* Altitude transmission and reception
* APRS at 9600 baud
* And much more

Basically, it brings the TH-D7A up to the functionality of the TM-D700A with
the exception of being able to use it as a digipeater or cross band
repeater.

Secondly, as for new radios. Yes, Kenwood unveiled a new radio they are
currently developing. It will operate HF,6 meters, 2 meters,70 cm and 1296.
All mode, satellite capable, etc. It will have a built in TNC. It is
really slick. It is still in development and is not yet available. They
don't even have a model number on it yet.

That's it for now.

73,

Jon
NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] re: new D7A firmware

From: "Jon Ogden" <jono@starnetinc.com>
Date: Mon, 22 May 2000 09:57:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85301-2000.05.22-10.00.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think my favorite feature of this upgrade is the fact that when you
receive a new APRS packet and the screen displays the info, you can
IMMEDIATELY transmit and talk on the other band just by pressing the PTT
button. You DO NOT have to push it twice as you used to have to do.

73,

Jon
NA9D

> Well it is quite extensive. It in the words of the Kenwood rep
> it's the same features of the D700 firmware. The comparison
> sheet I received
> front and back full of changes.
>
> From the little time I've had after returning, it seems the same,
> as the 700, but I'm pretty well pooped after working for a
> dealer over there
> since Wednesday.
>
> If you are not familiar with the D700 firmware maybe I can
> scan this sheet in and send it to you direct.
>
> Flip N9AZZ
>
> ----- Original Message -----
> From: Chris Schwab <n4bsa@n4bsa.dynip.com>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Sent: Monday, May 22, 2000 8:50 AM
> Subject: [htaprs] re: new D7A firmware
>
>
> > Flip (or someone else)
> >
> > Could you give us some details on the new firmware?
> >
> > What's the advantage to doing it (besides 9600 baud aprs)?
> >
> > Chris
> > N4BSA
> >
> > -----Original Message-----
> > From: Richard "Flip" Minton <fminton@midwest.net>
> > To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> > Date: Monday, May 22, 2000 9:38 AM
> > Subject: [htaprs] re: new D7A firmware
> >
> >
> > >I should have been more specific.
> > >
> > >I had the new firmware burnt into my D7A at Dayton. I am
> looking for the
> > new
> > >mcp_d7 programming software. The old one doesn't work anymore.
> > >
> > >Also the new firmware is available from Kenwood for around
> 60 bux. You
> have
> > >to send your rig to them for this upgrade.
> > >
> > >Flip N9AZZ
> > >
> > >
> > >---
> > >You are currently subscribed to htaprs as: 1schwab1@tampabay.rr.com
> > >To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> > >
> > >
> > >
> > >
> > ---
> > You are currently subscribed to htaprs as: fminton@midwest.net
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] re: new D7A firmware

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Mon, 22 May 2000 10:01:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85304-2000.05.22-10.07.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:04 5/22/2000 -0500, Richard \"Flip\" Minton wrote:
>Well it is quite extensive. It in the words of the Kenwood rep
>it's the same features of the D700 firmware. The comparison sheet I received
>front and back full of changes.

I asked the Kenwood reps about this upgrade. It was so new that the D7's being sold at the Hamvention had the old firmware in them. You had to take the unit to the Kenwood testing booth to have it flashed. The firmware release will be available for the rest of us around June 1st. The Kenwood rep suggested that I subscribe to the Kenwood e-mail SIG at their site to learn when it will be available. He also hinted that, if I was a member of TAPR or join TAPR the upgrade price would be discounted.

Dave
WB0WNX
Commander Airmobile and new D700 owner!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] re: new D7A firmware

From: Bojan Silic <bojan@rf.net>
Date: Mon, 22 May 2000 08:37:36 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85316-2000.05.22-10.30.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does this new firmware fix the KISS mode for TCPIP?

73,
Bojan
KF6OUC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] RE: 9600 upgrade to TH-D7

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 22 May 2000 13:39:24 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85372-2000.05.22-12.41.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know if this includes a 'beep on mine' feature?

Will existing software work with it, or does it require an upgrade to the Kenwood control software?

73's
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Jon Ogden
Sent: Monday, May 22, 2000 10:55 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: 9600 upgrade to TH-D7

>
> I have just read a posting on this group about a 9600 upgrade
> to the D7's HT's could some one please tell me more as I was
> not at Daytona. Also did any one see if Kenwood launched a
> mobile HF+2m+70cm and 6m combo rig. Any info on that one too
> would go down a treat.
>

Hi Peter,

First, the TH-D7A has a significant upgrade available for it. It is the
TH-D7A(G). The upgrade will be regularly available after June 1st from what
I have been told. The cost will be $60.00 US.

The upgrade does several things including:

* Fixes the TNC crashes from lots of activity and packet data
* Allows cross band TNC operation
* Allows multiple status messages
* Position ambiguity
* Altitude transmission and reception
* APRS at 9600 baud
* And much more

Basically, it brings the TH-D7A up to the functionality of the TM-D700A with
the exception of being able to use it as a digipeater or cross band
repeater.

Secondly, as for new radios. Yes, Kenwood unveiled a new radio they are
currently developing. It will operate HF,6 meters, 2 meters,70 cm and 1296.
All mode, satellite capable, etc. It will have a built in TNC. It is
really slick. It is still in development and is not yet available. They
don't even have a model number on it yet.

That's it for now.

73,

Jon
NA9D

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] 9600 upgrade to TH-D7 free?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 22 May 2000 13:21:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85379-2000.05.22-13.27.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone have a Idea about the cost (free) for D7 owners who never upgraded
from the original software? I never could bring myself to send it back
because I would miss the radio too much. But this new software and my D700
might allow be to live with out the D7 for a few days. Also I want to be
ready for the new, all band, all mode TS-7000 radio that is in Bata right
now.

 PS, I just made that model number up!

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

        .

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Re: 9600 upgrade to TH-D7 free?

From: "Jon Ogden" <jono@enteract.com>
Date: Mon, 22 May 2000 14:21:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85393-2000.05.22-14.23.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> Anyone have a Idea about the cost (free) for D7 owners who never upgraded
> from the original software? I never could bring myself to send it back
> because I would miss the radio too much. But this new software and my D700
> might allow be to live with out the D7 for a few days. Also I want to be
> ready for the new, all band, all mode TS-7000 radio that is in Bata right
> now.

As I have posted in all my other messages, the cost for the upgrade will be
$60.00.

Jon
NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] RE: 9600 upgrade to TH-D7

From: "Jon Ogden" <jono@enteract.com>
Date: Mon, 22 May 2000 14:22:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85394-2000.05.22-14.24.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, it has a "beep on mine" feature. Beeps every time it hears your posit.

Jon
NA9D
----- Original Message -----
From: "Richard Carter" <rich.carter@windriver.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, May 22, 2000 12:39 PM
Subject: [htaprs] RE: 9600 upgrade to TH-D7

> Does anyone know if this includes a 'beep on mine' feature?
>
> Will existing software work with it, or does it require an upgrade to the
> Kenwood control software?
>
> 73's
> Rich - KE1EV
>
> -----Original Message-----
> From: bounce-htaprs-14533@lists.tapr.org
> [mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Jon Ogden
> Sent: Monday, May 22, 2000 10:55 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] RE: 9600 upgrade to TH-D7
>
>
> >
> > I have just read a posting on this group about a 9600 upgrade
> > to the D7's HT's could some one please tell me more as I was
> > not at Daytona. Also did any one see if Kenwood launched a
> > mobile HF+2m+70cm and 6m combo rig. Any info on that one too
> > would go down a treat.
> >
>
> Hi Peter,
>
> First, the TH-D7A has a significant upgrade available for it. It is the
> TH-D7A(G). The upgrade will be regularly available after June 1st from
what
> I have been told. The cost will be $60.00 US.

>
> The upgrade does several things including:
>
> * Fixes the TNC crashes from lots of activity and packet data
> * Allows cross band TNC operation
> * Allows multiple status messages
> * Position ambiguity
> * Altitude transmission and reception
> * APRS at 9600 baud
> * And much more
>
> Basically, it brings the TH-D7A up to the functionality of the TM-D700A
with
> the exception of being able to use it as a digipeater or cross band
> repeater.
>
> Secondly, as for new radios. Yes, Kenwood unveiled a new radio they are
> currently developing. It will operate HF,6 meters, 2 meters,70 cm and
1296.
> All mode, satellite capable, etc. It will have a built in TNC. It is
> really slick. It is still in development and is not yet available. They
> don't even have a model number on it yet.
>
> That's it for now.
>
> 73,
>
> Jon
> NA9D
>
>
> ---
> You are currently subscribed to htaprs as: rcarter@isi.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] re: new D7A firmware

From: "Jon Ogden" <jono@enteract.com>
Date: Mon, 22 May 2000 14:25:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85395-2000.05.22-14.27.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes. KISS mode is now working properly.

Jon
NA9D
----- Original Message -----
From: "Bojan Silic" <bojan@rf.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, May 22, 2000 10:37 AM
Subject: [htaprs] re: new D7A firmware

> Does this new firmware fix the KISS mode for TCPIP?
>
> 73,
> Bojan
> KF6OUC
>
>
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] Re: 9600 upgrade to TH-D7 free?

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Mon, 22 May 2000 16:00:30 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85400-2000.05.22-15.03.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So typical of my luck. I bought a 2nd D7 3 weeks ago.   Now I get to send
two out for update.   I guess my $375 D7 (bought on RT Systems closeout)
isn't so cheap now :-(

I just saw the feature list though and it looks well worth it. I suppose
I'll send one at a time off to Kenwood.

73
Paul
KR4YL

> -----Original Message-----
> From: bounce-htaprs-3730@lists.tapr.org
> [mailto:bounce-htaprs-3730@lists.tapr.org]On Behalf Of Jon Ogden
> Sent: Monday, May 22, 2000 3:21 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: 9600 upgrade to TH-D7 free?
>
>
> >
> > Anyone have a Idea about the cost (free) for D7 owners who
> never upgraded
> > from the original software? I never could bring myself to send it back
> > because I would miss the radio too much. But this new software
> and my D700
> > might allow be to live with out the D7 for a few days. Also I want to be
> > ready for the new, all band, all mode TS-7000 radio that is in
> Bata right
> > now.
>
> As I have posted in all my other messages, the cost for the
> upgrade will be
> $60.00.
>
> Jon
> NA9D
>
>
> ---
> You are currently subscribed to htaprs as: PK@IJ.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] Sunsat Newsflash 20000522 (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 22 May 2000 17:28:44 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-85416-2000.05.22-16.32.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For sharing SO35 with Voice users, I think they only plan on ONE orbit per
day for VOice You can usually assume that it is the EVENING pass and only
the one that goes smack over the center of the USA. GIven that operating
scenario, and where you live you can guess which passes will be voice and
which will be data in most cases. ALso, John Lochner sends the following:

---------- Forwarded message ----------
From: Johann Lochner <lochner@ing.sun.ac.za>
To: SO-35 UIB/APRS <lochner@ing.sun.ac.za>
Subject: Sunsat Newsflash 20000522

NEWSFLASH: DIGIPEATING IS TEMPORARILY DISABLED UNTIL AT LEAST 07:15
UTC ON TUESDAY 23 MAY, WHILE IMAGER EXPERIMENTS ARE PERFORMED.

Thanks for all the interest in the new services announced on Friday.
Just a quick update of the current state of affairs: we hope to keep
Sunsat in Mode BD continuously and schedule Mode BA once per day per
continent as before. This should also make Sunsat's digital services
more accessible to hams in South Africa. Note that these services
may be disabled while other non-ham payloads are activated.

The Sunsat Ham Page <http://sunsat.ee.sun.ac.za/ham1.htm> was updated
somewhat. Please visit there first, before dismantling your stations
if Sunsat seems not to follow schedules. We always play around with
stuff and often break things: no better way for learning :-)

Regards,
Johann, ZR1CBC

[Reply with "unsubscribe UIB/APRS" in subject line to leave list.]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] re: new D7A firmware

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Mon, 22 May 2000 17:46:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85419-2000.05.22-16.47.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now, if they would only come up with a firmware fix for that for the
D700 - that is my main 'bitch' about the D700 - otherwise I love it.

 73 de brian, ka2bqe

----- Original Message -----
From: "Jon Ogden" <jono@starnetinc.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, May 22, 2000 10:57 AM
Subject: [htaprs] re: new D7A firmware

> I think my favorite feature of this upgrade is the fact that when
you
> receive a new APRS packet and the screen displays the info, you can
> IMMEDIATELY transmit and talk on the other band just by pressing the
PTT
> button. You DO NOT have to push it twice as you used to have to do.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] re: new D7A firmware

From: "Jon Ogden" <jono@enteract.com>
Date: Mon, 22 May 2000 16:50:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85420-2000.05.22-16.52.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What's wrong with the D700's firmware? I bought one of the first ones
available and have had absolutely ZERO problems with it. It has worked
flawlessly.

Jon
NA9D
----- Original Message -----
From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
To: "Jon Ogden" <jono@starnetinc.com>; "TAPR Hot Technology APRS"
<htaprs@lists.tapr.org>
Sent: Monday, May 22, 2000 4:46 PM
Subject: Re: [htaprs] re: new D7A firmware

> Now, if they would only come up with a firmware fix for that for the
> D700 - that is my main 'bitch' about the D700 - otherwise I love it.
>
> 73 de brian, ka2bqe
>
> ----- Original Message -----
> From: "Jon Ogden" <jono@starnetinc.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Monday, May 22, 2000 10:57 AM
> Subject: [htaprs] re: new D7A firmware
>
>
> > I think my favorite feature of this upgrade is the fact that when
> you
> > receive a new APRS packet and the screen displays the info, you can
> > IMMEDIATELY transmit and talk on the other band just by pressing the
> PTT
> > button. You DO NOT have to push it twice as you used to have to do.
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] re: new D7A firmware

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Mon, 22 May 2000 18:30:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85426-2000.05.22-17.33.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, May 22, 2000 5:50 PM
Subject: [htaprs] re: new D7A firmware

> What's wrong with the D700's firmware? I bought one of the first
ones
> available and have had absolutely ZERO problems with it. It has
worked
> flawlessly.

 What is wrong is what was said below. The D700 still locks you out
like the old D7 firmware when an APRS posit is on screen. You have to
hit a button to get control back to say talk on the other band .. Many
a time I thought I had transmitted to a buddy while in conversation to
find I had said nothing because it never keyed since my PTT only
retruned it from an APRS posit display.

> Jon
> NA9D
> ----- Original Message -----
> From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
> To: "Jon Ogden" <jono@starnetinc.com>; "TAPR Hot Technology APRS"
> <htaprs@lists.tapr.org>
> Sent: Monday, May 22, 2000 4:46 PM
> Subject: Re: [htaprs] re: new D7A firmware
>
> > Now, if they would only come up with a firmware fix for that for
the
> > D700 - that is my main 'bitch' about the D700 - otherwise I love
it.
> >
> > 73 de brian, ka2bqe
> >
> > ----- Original Message -----
> > From: "Jon Ogden" <jono@starnetinc.com>
> > To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> > Sent: Monday, May 22, 2000 10:57 AM
> > Subject: [htaprs] re: new D7A firmware
> >
> > > I think my favorite feature of this upgrade is the fact that

when you
> > receive a new APRS packet and the screen displays the info, you
can
> > IMMEDIATELY transmit and talk on the other band just by pressing
the
> > PTT button. You DO NOT have to push it twice as you used to have
to do.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] RE: 9600 upgrade to TH-D7

From: KK5YY@arrl.net (Gerald Schmitt)
Date: Tue, 23 May 2000 01:50:08 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85452-2000.05.22-20.52.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 22 May 2000 13:39:24 -0400, you wrote:

>Does anyone know if this includes a 'beep on mine' feature?

Yes it does and you can turn it off if you like. It also says
"My Position" when it recieves its position from a digi.
According to the blurb it does the smae for your status
posit comment. I'll try to scan the blurb and post it tonight.
>
>Will existing software work with it, or does it require an upgrade to the
>Kenwood control software?

No it will not I beta tested the new firmware with the control
program and no joy. The results of the testing were provided
to Kenwood. They told me that the chips were so new that they
had not seen them before Dayton.

BTW to nip it in the bud it is NOT A FLASH UPGRADEthey have
to take the radio apart and change parts. Not suprising that they
will charge for the upgrade. At least they are providing an upgrade
remember how many times manufacturers have told you to buy the
new model the old one can't be upgraded.

                        73 Jerry KK5YY
>
>73's
>Rich - KE1EV
>
>-----Original Message-----
>From: bounce-htaprs-14533@lists.tapr.org
>[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Jon Ogden
>Sent: Monday, May 22, 2000 10:55 AM
>To: TAPR Hot Technology APRS
>Subject: [htaprs] RE: 9600 upgrade to TH-D7
>
>
>>
>> I have just read a posting on this group about a 9600 upgrade
>> to the D7's HT's could some one please tell me more as I was
>> not at Daytona. Also did any one see if Kenwood launched a
>> mobile HF+2m+70cm and 6m combo rig. Any info on that one too
>> would go down a treat.
>>
>
>Hi Peter,
>
>First, the TH-D7A has a significant upgrade available for it. It is the
>TH-D7A(G). The upgrade will be regularly available after June 1st from what
>I have been told. The cost will be $60.00 US.
>
>The upgrade does several things including:
>
>* Fixes the TNC crashes from lots of activity and packet data
>* Allows cross band TNC operation
>* Allows multiple status messages
>* Position ambiguity
>* Altitude transmission and reception
>* APRS at 9600 baud

>* And much more
>
>Basically, it brings the TH-D7A up to the functionality of the TM-D700A with
>the exception of being able to use it as a digipeater or cross band
>repeater.
>
>Secondly, as for new radios. Yes, Kenwood unveiled a new radio they are
>currently developing. It will operate HF,6 meters, 2 meters,70 cm and 1296.
>All mode, satellite capable, etc. It will have a built in TNC. It is
>really slick. It is still in development and is not yet available. They
>don't even have a model number on it yet.
>
>That's it for now.
>
>73,
>
>Jon
>NA9D
>
>
>---
>You are currently subscribed to htaprs as: rcarter@isi.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
>---
>You are currently subscribed to htaprs as: kk5yy@arrl.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] D-7A Upgrade

From: "Travis J. Maclay" <travis@btea.org>
Date: Mon, 22 May 2000 21:58:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85454-2000.05.22-21.03.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Was wondering if anyone could answer this about the upgrade. As of now, my D-7A states, "My Packet" anytime it sees me after transmitting a packet. My call SSID for the D-7A is a -7. My home is setup to transmit my call with no SSID. However, every time my home TNC transmits, it still shows as "My Packet" when heard.

The problem is that my GPS display (Garmin 3+) is updated every time a new packet is received and I am never able to see my home on the screen, because the radio apparently does not pass along that packet due to it thinking it is seeing itself.

Any ideas if this was considered in the upgrade or not. Thanks de KF4PYA, Travis.

162. [htaprs] Re: TH-D7A version

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Mon, 22 May 2000 22:15:02 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-85457-2000.05.22-21.20.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KISS does NOT work in the A model, but DOES work in the new G model.

We ran KISS on the D-700 all weekend at Dayton and no problems, the
D7 is now the same as the D-700..

Keith Sproul

>I just bought a D7A, and I was wondering how to find out which firmware
>version is installed in it. I want to play with 9600 baud tcp/ip. I have
>heard of an undocumemted kiss mode, does anyone know if it works on the A
>models?
>
>---
>You are currently subscribed to htaprs as: ksproul@vger.rutgers.edu
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Keith Sproul   732 445-3695 Office

Student Housing Network Coordinator 732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu 732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/ WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] re: new D7A firmware

From: Jon Ogden <jono@enteract.com>
Date: Mon, 22 May 2000 21:33:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85458-2000.05.22-21.34.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/22/00 5:30 PM, Brian B. Riley, KA2BQE at brianbr@macconnect.com wrote:

> What is wrong is what was said below. The D700 still locks you out
> like the old D7 firmware when an APRS posit is on screen. You have to
> hit a button to get control back to say talk on the other band .. Many
> a time I thought I had transmitted to a buddy while in conversation to
> find I had said nothing because it never keyed since my PTT only
> retruned it from an APRS posit display.

I have NEVER had this problem. Mine works fine. I talk all the time while
stuff is displayed.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] RE: 9600 upgrade to TH-D7

From: "Rich" <n0rul@kscable.com>
Date: Mon, 22 May 2000 21:44:52 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85459-2000.05.22-21.43.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not to disagree with you Gerald but here is what I observed when Kenwood
flashed the G program revision into my D7A at Dayton -
  A tech wearing a fluffy white cotton glove on his left hand (kinda
reminded me of Michael Jackson) opened up the shiny metal box inside my
plastic radio case and soldered about 5 wires to the main circuit board..
these wires were connected to a programmer that looked similar to what an
old EPROM programmer looks like.. the tech pushed a button on the programmer
and began to chat with me while the G rev was loaded into my D7A.. Then he
disconnected the wires from the programmer and closed the case very
carefully.
  The soldering iron was used only to attach about five wires onto the main
radio board. Your right the upgrade does take their time but no replacement
parts.
  By the way..the best price I found on a D7A at Dayton was $360+$5shipping
(no sales tax) with a mail-in certificate from Kenwood for a free flash
upgrade, a Kenwood certificate for a free extra battery when mailed in with
your registration card, and a mount to hold the D7A in the car. The tech
indicated that the cost of a D7A to dealers would have to increase very soon
probably causing the street price of the D7A to jump up but they will leave
the suggested retail price alone (for now).
  Great little radio but I wish it had a more durable case.
Richard, n0rul
mailto:n0rul@kscable.com

----- Original Message -----

...
>BTW to nip it in the bud it is NOT A FLASH UPGRADE
>they have to take the radio apart and change parts. Not suprising
>that they will charge for the upgrade.
....
>73 Jerry KK5YY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

165. [htaprs] RE: 9600 upgrade to TH-D7

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Mon, 22 May 2000 21:47:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85461-2000.05.22-21.49.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are correct sir.

Flip N9AZZ

----- Original Message -----
From: Rich <n0rul@kscable.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Monday, May 22, 2000 4:44 PM
Subject: [htaprs] RE: 9600 upgrade to TH-D7

>   Not to disagree with you Gerald but here is what I observed when Kenwood
> flashed the G program revision into my D7A at Dayton -
>   A tech wearing a fluffy white cotton glove on his left hand (kinda
> reminded me of Michael Jackson) opened up the shiny metal box inside my
> plastic radio case and soldered about 5 wires to the main circuit board..
> these wires were connected to a programmer that looked similar to what an
> old EPROM programmer looks like.. the tech pushed a button on the
programmer
> and began to chat with me while the G rev was loaded into my D7A.. Then he
> disconnected the wires from the programmer and closed the case very
> carefully.
>   The soldering iron was used only to attach about five wires onto the
main
> radio board. Your right the upgrade does take their time but no
replacement
> parts.
>   By the way..the best price I found on a D7A at Dayton was
$360+$5shipping
> (no sales tax) with a mail-in certificate from Kenwood for a free flash
> upgrade, a Kenwood certificate for a free extra battery when mailed in
with
> your registration card, and a mount to hold the D7A in the car. The tech
> indicated that the cost of a D7A to dealers would have to increase very
soon
> probably causing the street price of the D7A to jump up but they will
leave
> the suggested retail price alone (for now).
>   Great little radio but I wish it had a more durable case.
> Richard, n0rul
> mailto:n0rul@kscable.com
>
> ----- Original Message -----
> ...
> >BTW to nip it in the bud it is NOT A FLASH UPGRADE
> >they have to take the radio apart and change parts. Not suprising
> >that they will charge for the upgrade.
> ....
> >73 Jerry KK5YY
>
>
>
> ---
> You are currently subscribed to htaprs as: fminton@midwest.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] RE: 9600 upgrade to TH-D7

From: KK5YY@arrl.net (Gerald Schmitt)
Date: Tue, 23 May 2000 05:16:41 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85503-2000.05.23-00.18.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 22 May 2000 21:44:52 -0000, you wrote:

I stand corrected I only stayed for the disassembly part of the
upgrade then I had to get outside to do my satellite demos.
But as you point out it is a significantly labor intensive process
thus will cost.

The term flash upgrade, and that seems to be what it is, somehow
implies simplicity and this process is not simple. I just didn't want
people to get the idea that they poked a cable into the PC post on the
THD7 and a minute later it was done. In fact a plug in chip would be
easier than what they actually do.

Thanks for the info on the part of the process I did not see.

If there is an interest I have scanned the front and back of the
"Differences" sheet and have a couple of jpeg files I could
provide. I am hesitant to post them since they are large and
not ASCII.

> Not to disagree with you Gerald but here is what I observed when Kenwood
>flashed the G program revision into my D7A at Dayton -
> A tech wearing a fluffy white cotton glove on his left hand (kinda
>reminded me of Michael Jackson) opened up the shiny metal box inside my
>plastic radio case and soldered about 5 wires to the main circuit board..
>these wires were connected to a programmer that looked similar to what an
>old EPROM programmer looks like.. the tech pushed a button on the programmer
>and began to chat with me while the G rev was loaded into my D7A.. Then he
>disconnected the wires from the programmer and closed the case very
>carefully.
> The soldering iron was used only to attach about five wires onto the main
>radio board. Your right the upgrade does take their time but no replacement
>parts.
> By the way..the best price I found on a D7A at Dayton was $360+$5shipping
>(no sales tax) with a mail-in certificate from Kenwood for a free flash
>upgrade, a Kenwood certificate for a free extra battery when mailed in with
>your registration card, and a mount to hold the D7A in the car. The tech
>indicated that the cost of a D7A to dealers would have to increase very soon
>probably causing the street price of the D7A to jump up but they will leave
>the suggested retail price alone (for now).
> Great little radio but I wish it had a more durable case.
>Richard, n0rul
>mailto:n0rul@kscable.com
>
>----- Original Message -----
>...
>>BTW to nip it in the bud it is NOT A FLASH UPGRADE
>>they have to take the radio apart and change parts. Not suprising
>>that they will charge for the upgrade.
>....
>>73 Jerry KK5YY
>
>
>
>---
>You are currently subscribed to htaprs as: kk5yy@arrl.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] Re: where did you find the d7a deal?

From: "Rich" <n0rul@kscable.com>
Date: Tue, 23 May 2000 05:20:41 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85531-2000.05.23-05.19.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone think of a way to alert interested APRS users walking around Hamvention next year of special APRS equipment deals we stumble upon... we would all have to use some kind of a small portable device capable of displaying text messages received by radio.. maybe we could carry a simple small portable- something like a D7A to receive, decode and display APRS text messages amongst ourselves using a group alias name like "deal". I think that would be better than the teams of hams that search the flea market for the best deals on what they want using voice radios.

Lots of inquiries asking where I found the D7A at Dayton for $360.95+$5 shipping.. It was Ham Radio Outlet, Inc.(HRO) on Sunday. Others may have received even better deals on the D7A at Dayton but that was the best I found. Not sure if you can get the same deal beyond Dayton but give them a call and work it knowing what they were recently offered at.

At the APRS eyeball meeting on Sat evening I learned about the $199 deal for the VC-H1 color camera visual communicator from a Kenwood dealer who was setup out in the flea market parking lot. I don't think they came back on Sunday..at least I never found them.

Rich, n0rul
mailto:n0rul@kscable.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] VC-H1

From: "LARRY BUSH" <lbush@hot.rr.com>
Date: Tue, 23 May 2000 12:02:46 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85546-2000.05.23-07.05.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I see on page 122 of the June issue of QST that RadioWorld is running a final closeout on the Kenwood VC-H1 for $249. Did anyone who attended Dayton hear if Kenwood has a replacement VC in the works? Any rumors?

Larry, W5NCD
http://www.sstvham.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] Re: where did you find the d7a deal?

From: Greg Noneman <greg@clubnet.net>
Date: Tue, 23 May 2000 08:03:50 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85547-2000.05.23-07.07.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rich, N0RUL wrote:

>At the APRS eyeball meeting on Sat evening I learned about the $199 deal for
>the VC-H1 color camera visual communicator from a Kenwood dealer who was
>setup out in the flea market parking lot. I don't think they came back on
>Sunday..at least I never found them.
>
The dealer was there on Sunday morning. I bought a second one! I'm not sure if I'm going to use them both, but thought it was a good idea to have a pair.

Greg
WB6ZSU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] Re: where did you find the d7a deal?

From: Jon Ogden <jono@enteract.com>
Date: Tue, 23 May 2000 07:09:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85550-2000.05.23-07.10.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/23/00 12:20 AM, Rich at n0rul@kscable.com wrote:

> Can someone think of a way to alert interested APRS users walking around
> Hamvention next year of special APRS equipment deals we stumble upon... we
> would all have to use some kind of a small portable device capable of
> displaying text messages received by radio.. maybe we could carry a simple
> small portable- something like a D7A to receive, decode and display APRS
> text messages amongst ourselves using a group alias name like "deal". I
> think that would be better than the teams of hams that search the flea
> market for the best deals on what they want using voice radios.

It would be nice. Unfortunately, the D7A's TNC devours batteries. I rarely
turned the TNC portion on all weekend.

>
> Lots of inquiries asking where I found the D7A at Dayton for $360.95+$5
> shipping.. It was Ham Radio Outlet, Inc.(HRO) on Sunday. Others may have
> received even better deals on the D7A at Dayton but that was the best I
> found. Not sure if you can get the same deal beyond Dayton but give them a
> call and work it knowing what they were recently offered at.

They were the best deal this year. But they sold out on Sunday. The next
best and most common price seemed to be $379. And we thought that the $450
or whatever we paid last year was good! Oh well!
>
> At the APRS eyeball meeting on Sat evening I learned about the $199 deal for
> the VC-H1 color camera visual communicator from a Kenwood dealer who was
> setup out in the flea market parking lot. I don't think they came back on
> Sunday..at least I never found them.

Too bad. They were there. They are RadioWorld and they advertise in QST.
Call them and see if you can still get one. They were real near that big
crank-up tower on the trailer.

Interesting story about these guys:

Radiworld is a Kenwood Canada dealer. Kenwood Canada has decided to no
longer sell the VC-H1 so they sold about 500 units to RadioWorld on closeout
for a blowout price. That's why RadioWorld has been able to sell them so
cheap. In fact, Kenwood told me that $199 is below US dealer cost!

Anyhow, these cheap prices have torqued off Kenwood USA. It has absolutely
killed sales of the VC-H1 at the US dealers. I think they realized how much
because everyone I met also told me they got their VC-H1 from Radioworld!

I guess in a capitalistic, free market economy this sometimes happens. We
as the consumer won. I understand Kenwood USA's beef and I sympathize but I
can't blame RadioWorld either. How many dealers would be willing to take
the risk of trying to sell 500 units?

Anyhow, it's a neat toy. My only question is this: It has a Kenwood Canada
warranty card. Would this be recognized by Kenwood USA?

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Re: VC-H1

From: Jon Ogden <jono@enteract.com>
Date: Tue, 23 May 2000 07:11:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85551-2000.05.23-07.12.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/23/00 6:02 AM, LARRY BUSH at lbush@hot.rr.com wrote:

> I see on page 122 of the June issue of QST that RadioWorld is running a
> final closeout on the Kenwood VC-H1 for $249. Did anyone who attended Dayton
> hear if Kenwood has a replacement VC in the works? Any rumors?

Kenwood Canada is not going to sell them anymore and RadioWorld bought
Kenwood Canada's entire inventory. At Dayton they were selling them for
$199 (below US dealer cost). Kenwood USA is STILL going to sell them and
Kenwood is STILL going to manufacture them.

There is no replacement. It's still an active product.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] Garmin eTrex

From: "Fred Halley Jr." <fhalley@ikonuny.com>
Date: Tue, 23 May 2000 7:23:26
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85554-2000.05.23-07.25.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone try using the Garmin eTrex GPS with the D7 ??

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Re: Garmin eTrex

From: "Steve Schwartz" <n6wlg@slvarc.org>
Date: Tue, 23 May 2000 10:22:36
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85575-2000.05.23-10.24.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I haven't yet tried it with my D7, but I am using an etrex with my D700,
works great. Everything I've heard so far, though, leads me to believe that
it will work just fine with the D7

Steve Schwartz, N6WLG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] Re: where did you find the d7a deal?

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Tue, 23 May 2000 08:30:06 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-85577-2000.05.23-10.32.25--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On Tue, 23 May 2000, Rich wrote:

> At the APRS eyeball meeting on Sat evening I learned about the $199 deal for
> the VC-H1 color camera visual communicator from a Kenwood dealer who was
> setup out in the flea market parking lot. I don't think they came back on
> Sunday..at least I never found them.

They were indeed there on Sunday. They are a dealer from Canada and I
believe the name of the dealer is Radio World. When I talked to them at
the CQ party on Saturday night, they said they only had about three
VC-H1's left.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Re: where did you find the d7a deal?

From: Jack LeBreton <jack.lebreton@sympatico.ca>
Date: Tue, 23 May 2000 11:51:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85585-2000.05.23-10.56.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G/M all,
    Their website is www.radioworld.ca

"Julian M. Frost" wrote:

> On Tue, 23 May 2000, Rich wrote:
>
> > At the APRS eyeball meeting on Sat evening I learned about the $199 deal for
> > the VC-H1 color camera visual communicator from a Kenwood dealer who was
> > setup out in the flea market parking lot. I don't think they came back on
> > Sunday..at least I never found them.
>
> They were indeed there on Sunday. They are a dealer from Canada and I
> believe the name of the dealer is Radio World. When I talked to them at
> the CQ party on Saturday night, they said they only had about three
> VC-H1's left.
>
> Julian
>
> ---
> You are currently subscribed to htaprs as: jack.lebreton@sympatico.ca
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Re: VC-H1

From: David VanHorn <dvanhorn@cedar.net>
Date: Tue, 23 May 2000 10:56:46 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85589-2000.05.23-11.08.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

>Kenwood Canada is not going to sell them anymore and RadioWorld bought
>Kenwood Canada's entire inventory. At Dayton they were selling them for
>$199 (below US dealer cost). Kenwood USA is STILL going to sell them and
>Kenwood is STILL going to manufacture them.

There's always the $500 commercial version.
Apparently, for $300, you get a thick rubber bootie.

I'm not a marketing person, so I just don't get it.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOSrGXoFlGDz1l6VWEQK9GQCgp2qYmTGvgtJl8I0+KzxuYB3EIEUAn3eu
lM5HBv8oXPVlzUuZrFIdi5IM
=92oh
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] Re: where did you find the d7a deal?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 23 May 2000 12:09:48 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-85590-2000.05.23-11.12.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 23 May 2000, Rich wrote:

> Can someone think of a way to alert interested APRS users walking around
> Hamvention next year of special APRS equipment deals we stumble upon...

SImply key in a Bulletin to all with the name of the item and the booth
number. Then, everyone with a THD7 could go right to the space.

Rather than typing it into the sender's HT, he might just wait till he
gets to the APRS booth and type it in there on a Real PC..n Still, those
with the HT would receive it.

GOod idea.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] Re: D-7A Upgrade

From: G7GUO@aol.com
Date: Tue, 23 May 2000 17:33:41 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85648-2000.05.23-16.36.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 23/05/2000 03:02:52 GMT Daylight Time, travis@btea.org
writes:

<< Was wondering if anyone could answer this about the upgrade. As of now,
my D-7A states, "My Packet" anytime it sees me after transmitting a packet.
My call SSID for the D-7A is a -7. My home is setup to transmit my call with
no SSID. However, every time my home TNC transmits, it still shows as "My
Packet" when heard.

 The problem is that my GPS display (Garmin 3+) is updated every time a new
packet is received and I am never able to see my home on the screen, because
the radio apparently does not pass along that packet due to it thinking it is
seeing itself.

 Any ideas if this was considered in the upgrade or not. Thanks de KF4PYA,
Travis.
  >>

Strange. My non upgraded TH-D7E does not have the problem you describe. It
displays packets from my home station (G7GUO) correctly and sends the correct
information to my Garmin GPS3. It does of course display packets from the
TH-D7E that are digipeated via my home station as MY PACKET as it should. I

have mycall set to G7GUO-7 in the TH-D7E. Maybe the TH-D7A firmware behaves
differently in this respect?
                        73, Simon g7guo

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

179. [htaprs] TH-D7 (G) Upgrade information

From: "Walter Dunckel" <walter@radiohound.com>
Date: Tue, 23 May 2000 17:44:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85690-2000.05.23-20.06.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have transcribed the contents of Kenwoods brochure for the TH-D7 (G)
upgrade. It consists of 41 changes to address the complaints of the
otherwise satisfied TH-D7 customers.

I have to say "WAY TO GO KENWOOD!!" I guess they were listening!

Here is the data sheet for the upgrade.

http://www.radiohound.com/2000upgrade.htm

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] Re: TH-D7 (G) Upgrade information

From: Jon Ogden <jono@enteract.com>
Date: Tue, 23 May 2000 20:14:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85695-2000.05.23-20.16.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/23/00 7:44 PM, Walter Dunckel at walter@radiohound.com wrote:

> I have to say "WAY TO GO KENWOOD!!" I guess they were listening!

Well, I HOPE Kenwood listens to this one.

I just found out that their new All Band All Mode Transceiver announced at
Dayton has a BIG, HUGE problem. It can ONLY operate in AM or FM on the sub
band. This makes it worthless for Satellite or SSB work.

Sad they are so short sighted.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] APRS CE Problem

From: "Myrt Webb" <mwwebb@cyberport.net>
Date: Tue, 23 May 2000 19:21:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85697-2000.05.23-20.23.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I downloaded the latest version of aprs-ce from the tapr site.

But when I run it I get a message that it is out of date and freezes after
startup.

I am using:
    www.tapr.org/~aprsce/

for download. Is there someplace else?

Myrt in MT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] APRS Travelers Registry

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 23 May 2000 21:32:14 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85702-2000.05.23-20.35.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Emergency Messages & Travelers:

With the advent of APRS single-packet emergency communications from
wilderness, at sea, or long-distance-via-satellite isolated users,
we need to have a means of quickly validating emergency alarms
when return path communications may not be possible. Since any
Mic-E, or Kenwood APRS radio can send an emergency message with only
a simple key stroke, we have the potential for occassional false
alarms.

  WHile such alarms cannot be totally eliminated, we could establish
a formal "APRS travelers registry" process where wilderness or
off shore travleres embarking on an adventure could file a travel
plan in advance. THis site would then serve as a single point of
reference for access by APRS operators when an Alarm is detected.

If the Emergency Callsign matches a message in the "APRS travelers
Registry and makes sense with his posted itenerary, then better
credence can be given to his single-packet emergency request.
In addition, with the advent of now up to six CUSTOM messages
in the Mic-E/Kenwood formats, the traveler could even indicate
his personal equivalents for these custom coded bits, and thus
indicate up to 6 different potential emergency needs.

For now, such a registry could be initiated by simply posting an
Email to the APRSSIG with the subject of "MY_CALL TRAVEL PLAN".
These can be just saved away into a folder in case of future
need. If an Alarm comes in, a simple scan of the folder would
reveal any travel plans saved under that callsign. Not only does
posting to the SIG serve to register the plan, but it also
alerts all APRS operators of your trip who might want to
follow along on your travels by radio. Of course, if this idea
really does make sense, then a separate list on the TAPR
LISTSERVER could be used. There could be both a public and a
private list. Normal archiving and search processes
could be used to access the data.

Just an idea...   Remember, if we dont use APRS in the real world,
then its just a toy...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] TH-D7A Upgrade (will I get mine?)

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Tue, 23 May 2000 19:16:46 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-85709-2000.05.23-21.19.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had to send my D7 into Kenwood repair because of an
unlockable lockup problem (removing the battery pack didn't
do it, following the manual's reset instructions didn't
work)

I asked Kenwood to fix the lock-up and install the latest
firmware....This is before I heard about the lastest
revision. I'll let you all know what version I get....

Glenn, KG7IL in Renton, Washington

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] RE: [aprssig] APRS Travelers Registry

From: "Andrew Witham W1SAR" <w1sar@searcher.org>
Date: Tue, 23 May 2000 19:12:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85710-2000.05.23-21.20.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This could set a very unsatisfactory process in which there could become
established a graded response to 'emergencies', and it is for this reason
that 911 response is never downgraded based upon a past history of false
alarms.

Is there to be a faster emergency response to someone who has filed a
'flight plan' before leaving? Is someone, having filed such a flight plan,
less likely to send a false distress message? Is someone in distress who
hasn't filed a plan going to be left until a second, third, fourth or more
packets are received?

Like any distress system, there will be false alarms and malicious calls,
but those of us in law enforcement, search & rescue EMS, and related
disciplines have to tolerate these, and still provide the necessary response
to all calls for help. We still get boaters who fire distress flares 'to
test them', or false, malicious or accidental 911 calls "I meant to dial
411!"

A single packet may be the result of failing power, remote location, or the
operator's action before loss of consciousness.

For those users happy to solicit the interest of other APRS's to their
sojourning, that's fine, and it's a great idea for that purpose, but we
should not be considering any grading of response to a call for help. It
could also be used for listing balloon launches and arctic circle trips and
other journeys of scientific or technical interest, but not for validation
of emergency calls.

__
Drew
Andrew Witham W1SAR
Searcher Communications
http://www.searcher.org/ham.htm

> -----Original Message-----
> From: bounce-aprssig-15695@lists.tapr.org
> [mailto:bounce-aprssig-15695@lists.tapr.org]On Behalf Of Bob Bruninga
> Sent: Tuesday, May 23, 2000 6:32 PM
> To: TAPR APRS Special Interest Group
> Subject: [aprssig] APRS Travelers Registry
>
>
> Emergency Messages & Travelers:
>
> With the advent of APRS single-packet emergency communications from
> wilderness, at sea, or long-distance-via-satellite isolated users,
> we need to have a means of quickly validating emergency alarms
> when return path communications may not be possible. Since any
> Mic-E, or Kenwood APRS radio can send an emergency message with only
> a simple key stroke, we have the potential for occassional false
> alarms.
>
>   WHile such alarms cannot be totally eliminated, we could establish
> a formal "APRS travelers registry" process where wilderness or

> off shore travleres embarking on an adventure could file a travel
> plan in advance. THis site would then serve as a single point of
> reference for access by APRS operators when an Alarm is detected.
>
> If the Emergency Callsign matches a message in the "APRS travelers
> Registry and makes sense with his posted itenerary, then better
> credence can be given to his single-packet emergency request.
> In addition, with the advent of now up to six CUSTOM messages
> in the Mic-E/Kenwood formats, the traveler could even indicate
> his personal equivalents for these custom coded bits, and thus
> indicate up to 6 different potential emergency needs.
>
> For now, such a registry could be initiated by simply posting an
> Email to the APRSSIG with the subject of "MY_CALL TRAVEL PLAN".
> These can be just saved away into a folder in case of future
> need. If an Alarm comes in, a simple scan of the folder would
> reveal any travel plans saved under that callsign. Not only does
> posting to the SIG serve to register the plan, but it also
> alerts all APRS operators of your trip who might want to
> follow along on your travels by radio. Of course, if this idea
> really does make sense, then a separate list on the TAPR
> LISTSERVER could be used. There could be both a public and a
> private list. Normal archiving and search processes
> could be used to access the data.
>
> Just an idea...   Remember, if we dont use APRS in the real world,
> then its just a toy...
>
> de WB4APR, Bob
>
>
>
>
>
> ---
> You are currently subscribed to aprssig as: w1sar@searcher.org
> To unsubscribe send a blank email to leave-aprssig-15695K@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Re: [aprssig] RE: APRS Travelers Registry

From: "Rich" <n0rul@kscable.com>
Date: Tue, 23 May 2000 22:59:50 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85734-2000.05.23-22.58.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Our area 911 dispatchers must evaluate each incoming call giving it a
priority and call type before limited resources get assigned to it. I think
that registry information would "upgrade the initial response level" given
to reported APRS alarms.

Imagine a female ham is 8 months pregnant driving from home to her OBGYN
doctor 30 miles away in a rental car - the registry could be informed of her
relevant medical condition together with the make, model, color, and tag
number of the rental car along with a contact phone number for her non-ham
husband. A well intentioned APRS user 500 miles away trying to report her
alarm could save themselves several minutes waiting upon the telephone
operator to connect his reporting phone call if you would just allow her to
list (in the registry under her callsign) the area code and seven digit
direct dial phone number for her local 911 center (because you can't dial an
area code followed by 911). Rather than sending just an officer to "check
on the welfare" of a ham- the Dispatcher might instead be more inclined to
also send EMS to her initially if her situation has been detailed via an
email to the APRS travelers registry.

Does a 911 hangup phone call get an ambulance right away ? No, neither
should an "unknown call" based upon an APRS alarm without any supporting
info.

I think the concept of an APRS Alarm Registry makes sense.

73 de Rich, n0rul
mailto:n0rul@kscable.com

----- Original Message -----
From: "Andrew Witham W1SAR" <w1sar@searcher.org>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Sent: Wednesday, May 24, 2000 2:12 AM
Subject: [aprssig] RE: APRS Travelers Registry

> This could set a very unsatisfactory process in which there could become
> established a graded response to 'emergencies', and it is for this reason
> that 911 response is never downgraded based upon a past history of false
> alarms.
>
> Is there to be a faster emergency response to someone who has filed a
> 'flight plan' before leaving? Is someone, having filed such a flight
plan,
> less likely to send a false distress message? Is someone in distress who
> hasn't filed a plan going to be left until a second, third, fourth or more
> packets are received?
>
> Like any distress system, there will be false alarms and malicious calls,
> but those of us in law enforcement, search & rescue EMS, and related
> disciplines have to tolerate these, and still provide the necessary
response
> to all calls for help. We still get boaters who fire distress flares 'to
> test them', or false, malicious or accidental 911 calls "I meant to dial
> 411!"
>
> A single packet may be the result of failing power, remote location, or
the
> operator's action before loss of consciousness.
>
> For those users happy to solicit the interest of other APRS's to their
> sojourning, that's fine, and it's a great idea for that purpose, but we
> should not be considering any grading of response to a call for help. It
> could also be used for listing balloon launches and arctic circle trips
and
> other journeys of scientific or technical interest, but not for validation
> of emergency calls.
> __
> Drew
> Andrew Witham W1SAR
> Searcher Communications
> http://www.searcher.org/ham.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] re: APRS Travelers Registry

From: "Rich" <n0rul@kscable.com>
Date: Tue, 23 May 2000 23:58:20 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85754-2000.05.23-23.57.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Andrew.. I will suggest she get the OnStar system.
http://www.onstar.com/features/features.htm
It works everywhere a cell phone does for 16.95 a month.

----- Original Message -----
From: <Kd4emi@aol.com>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Sent: Wednesday, May 24, 2000 4:11 AM
Subject: [aprssig] RE: APRS Travelers Registry
...

> It is the age old problem of us trying to come up with a ham solution when
> there is already a good solution available. (reminds me of the hurricane
> story of the ham sending pages of packets when the fax machine was right
next > to him)
> Give the woman a cell phone...
...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] latest manual for TH-D7A (G)

From: "Petz, Michael" <MPetz@stlcc.cc.mo.us>
Date: Wed, 24 May 2000 09:13:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85826-2000.05.24-09.15.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know where I can download the latest manual for the TH-D7A(G).
After I had the upgrade done, they said there weren't any manuals left!

Michael Petz
mpetz@stlcc.cc.mo.us

188. [htaprs] california aprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 24 May 2000 07:46:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85828-2000.05.24-09.46.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

anyone seeing my aprs out of las vegas in california or anywhere else?

i am seeing local digis with california call signs on the vegas
digi...just wondering if i am seen on any digis in caifornia or is my
setting in the th-d7 wrong its on relay wide

registered my winaprs at dayton makes it a lot better to get on each day

73

hey that find u map sevice works good

find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

189. [htaprs] Fw: Request for help Jon Ogden

From: "Jon Ogden" <jono@enteract.com>
Date: Wed, 24 May 2000 11:43:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85857-2000.05.24-11.45.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi guys,

Here is the response I got back from Kenwood on the new radio. They say it
will do split all mode operation.

>From what I can tell the sub-RX is basically an FM dual bander stuck in
there as well. Interesting stuff.

Thought y'all would like to know this.

73,

Jon
NA9D
----- Original Message -----
From: "Leo Fahmie" <LFahmie@kenwoodusa.com>
To: <na9d@arrl.net>
Sent: Wednesday, May 24, 2000 11:36 AM
Subject: RE: Request for help Jon Ogden

>
>
> Dear Kenwood Customer:
>
> Thank you for your e-mail. The NEW Kenwood HF/50/144/440/1200 radio WILL

be
> a fully functioning ALL MODE split operation satellite radio in the main
> band. Just think for one moment your FT-847 does not have 2 separate
> receivers, neither did the Kenwood TS-790A satellite radio. This is the
> radio you have been waiting for... More information to follow once we
> receive it......73
>
>
>
>
>
> If you need further assistance, please e-mail us again.
>
> Sincerely,
> Kenwood Customer Care
>
>
>
>
> -----Original Message-----
> From: na9d@arrl.net [mailto:na9d@arrl.net]
> Sent: Tuesday, May 23, 2000 6:30 PM
> To: Leo Fahmie
> Subject: Request for help Jon Ogden
>
>
>
>
> Jon Ogden at na9d@arrl.net had the following request for help:
> Name: Jon Ogden
> Address: 905 Surrey Lane
> City: Algonquin
> State: IL
> Zip: 60102-2058
> Country: USA
> Phone: 847-458-0123
> Email: na9d@arrl.net
>
> Sirs,
>
> I was going over your Data Sheet for the new All Band All-Mode transceiver
> that was introduced at the Dayton HamVention.
>
> I have discovered a SERIOUS flaw with this radio and one that will
> definitely keep me from purchasing this radio. This flaw is that the
sub-RX
> can ONLY receive FM and AM in the VHF/UHF bands. Perhaps the data sheet
> isn't clear and INSIDE the ham bands you can receive SSB and CW as well.
>
> If you cannot receive or operate ALL MODES in the sub band, this radio is
> worthless as a satellite radio. It is completely useless as a VHF/UHF
weak
> signal radio.
>
> I currently have a Yaesu FT-847. I was going to sell that after I saw
this
> radio and buy this radio when available. If this doesn't get changed, I
> think I will keep the Yaesu and not buy the Kenwood.
>
> You've come out with a lot of great products lately: TH-D7A, TM-D700A and
> VC-H1. I own them all. I would like to add this radio, but not as I now
> understand it to be. Please clarify the amateur band operations of the
sub
> receiver.
>
> Please clarify this for me.
>
> Regards,
>
> Jon Ogden
> NA9D
>
> NA9D@arrl.net
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] Re: Palm Pilot with TH-D7A

From: John W Wilson <z004391b@bc.seflin.org>
Date: Wed, 24 May 2000 12:53:44 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85861-2000.05.24-11.56.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am having trouble getting the transmit function to work with my
(brandnew) palm-pilot setup. I downloaded version 106 (thank you!) and
got everything to work except for the transmit. I can go to terminal
mode and transmit there because I can connect to my home station but I
cannot beacon or send messages. Help is appreciated.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] Sunsat bulletin pics

From: "Mike Riffle" <mriffle@toast.net>
Date: Wed, 24 May 2000 11:57:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85864-2000.05.24-11.59.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those who may have missed it, the picture linked below shows the
Sunsat bulletins announcing the beginning of digital operations. These
were received by my D700 and a 40" mag mount.

http://www.qsl.net/kc8mzm/Sunsat_bulletins.jpg

(960x436 JPEG 116k)

Mike Riffle
kc8mzm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] Re: [aprssig] RE: APRS Travelers Registry

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 24 May 2000 14:18:32 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-85872-2000.05.24-13.20.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 23 May 2000, Rich wrote:

> Does a 911 hangup phone call get an ambulance right away ? No, neither
> should an "unknown call" based upon an APRS alarm without any supporting
> info.
>
> I think the concept of an APRS Alarm Registry makes sense.

Agreed. Actually, my idea was not to degrade emergency response as some
have inferred, but instead to allow travelers who were at higher risk to
be able to post important details about there trip that could be used as a
resource if they were in trouble.

de WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] Re: [amsat-bb] Fw: Request for help Jon Ogden

From: "Stacey E. Mills, M.D." <w4sm@cstone.net>
Date: Wed, 24 May 2000 15:08:51 -0400

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85880-2000.05.24-14.11.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:43 AM 5/24/2000 -0500, Jon Ogden wrote:

> > Dear Kenwood Customer:
> >
> > Thank you for your e-mail. The NEW Kenwood HF/50/144/440/1200 radio WILL
>be
> > a fully functioning ALL MODE split operation satellite radio in the main
> > band. Just think for one moment your FT-847 does not have 2 separate
> > receivers, neither did the Kenwood TS-790A satellite radio. This is the
> > radio you have been waiting for... More information to follow once we
> > receive it......73
>
> >
> > If you need further assistance, please e-mail us again.
> >
> > Sincerely,
> > Kenwood Customer Care
> >

Kenwood doesn't know their own rigs very well. The TS-790A definitely has
two receivers. At least mine does!
...and so does every other one I've ever seen!

--

  ____
  Stacey E. Mills, W4SM   WWW: http://www.cstone.net/~w4sm/ham1.html
    Charlottesville, VA   PGP key: http://www.cstone.net/~w4sm/key
  ____

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] Re: TH-D7 (G) Upgrade information

From: Ed Mulholland <ed_mulholland@yahoo.com>
Date: Wed, 24 May 2000 12:27:21 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85881-2000.05.24-14.29.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the info Walter and as a user who has
experienced problems AND, who has a new radio courtesy
of Kenwood which so far has worked flawless, I still
have problems paying for their problems. How does the
rest of the group feel? I wouldn't mind picking up
the shipping costs but that's it.

--- Walter Dunckel <walter@radiohound.com> wrote:
> I have transcribed the contents of Kenwoods brochure
> for the TH-D7 (G)
> upgrade. It consists of 41 changes to address the
> complaints of the
> otherwise satisfied TH-D7 customers.
>
> I have to say "WAY TO GO KENWOOD!!" I guess they
> were listening!
>
> Here is the data sheet for the upgrade.
>
> http://www.radiohound.com/2000upgrade.htm
>
> Walter
>
>
> ---
> You are currently subscribed to htaprs as:
> ED_MULHOLLAND@YAHOO.COM
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] Re: TH-D7 (G) Upgrade information

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 24 May 2000 14:31:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85893-2000.05.24-15.34.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ed,

Personally, I feel okay about the price. If they had been smart on the
outset, and made their radios user-upgradeable, then I'm sure there
wouldn't be any cost for the upgrade (the Garmin support model).

Given that the design did not account for user upgradeability, I think
this is a pretty good alternative.

I am willing to pay $40 for the PTT/APRS bug fix alone. The addition of a
KISS mode and 9600 baud satellite data ops (VERY impressive in a HT)
easily make up the difference.

The price I paid ($420 a while ago) + $60 is still cheaper than the
closest competitors (none).

The only thing left on my wish list is a heat-sink/fan/powersupply that
attaches in place of the battery for mobile applications. Darn power
connector is next to useless in a permanent install, and the back of the
thing heats up like the dickens when running for extended durations on
external DC.   You have to attach a battery to use the keypad, otherwise
you burn your fingers.

I've got a design for the heatsink/fan/powersupply in my head.. I just
can't figure out how to make a heatsink using my available materials (duct
tape, bailing wire, zipties) and my available skills (applying duct tape,
tieing bailing wire and fastening zipties)

I can't squeeze a D700 in my Miata, so it's D7A(G) or nothing. (How long
will we have to put () around the G?)

--
Brian

Ed Mulholland wrote:

> Thanks for the info Walter and as a user who has
> experienced problems AND, who has a new radio courtesy
> of Kenwood which so far has worked flawless, I still
> have problems paying for their problems. How does the
> rest of the group feel? I wouldn't mind picking up
> the shipping costs but that's it.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] TH-D7 (G) Upgrade when and who?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 24 May 2000 16:39:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85896-2000.05.24-15.41.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm ready to sent my D7 out for an upgrade. Does anyone know when the
upgrades will be available, and who to contact for the upgrade?

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Jon Ogden" <jono@enteract.com>
Date: Wed, 24 May 2000 15:56:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85905-2000.05.24-15.58.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've got a feeling that the reason why the radios are not user upgradeable
is due to FCC certification issues. It could be that having a user
upgradeable radio would be something the FCC doesn't like. Most of the
operations are all done in software so being able to change it at the user
level could allow you to receive in areas that you aren't supposed to (like
cellular maybe - not an issue with the D7, but is with the D700). It's just
a guess but I bet that's why. It also could make the unit more complex and
more expensive.

Who knows. But the radio worked great before the upgrade regardless of the
bugs. Now it works even better.

73,

Jon
NA9D
----- Original Message -----
From: "Brian Badger" <Brian.Badger@wcom.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 24, 2000 3:31 PM
Subject: [htaprs] Re: TH-D7 (G) Upgrade information

> Ed,
>
> Personally, I feel okay about the price. If they had been smart on the
> outset, and made their radios user-upgradeable, then I'm sure there
> wouldn't be any cost for the upgrade (the Garmin support model).
>
> Given that the design did not account for user upgradeability, I think
> this is a pretty good alternative.
>
> I am willing to pay $40 for the PTT/APRS bug fix alone. The addition of a
> KISS mode and 9600 baud satellite data ops (VERY impressive in a HT)
> easily make up the difference.
>
> The price I paid ($420 a while ago) + $60 is still cheaper than the
> closest competitors (none).
>
> The only thing left on my wish list is a heat-sink/fan/powersupply that
> attaches in place of the battery for mobile applications. Darn power
> connector is next to useless in a permanent install, and the back of the
> thing heats up like the dickens when running for extended durations on
> external DC.   You have to attach a battery to use the keypad, otherwise
> you burn your fingers.
>
> I've got a design for the heatsink/fan/powersupply in my head.. I just
> can't figure out how to make a heatsink using my available materials (duct
> tape, bailing wire, zipties) and my available skills (applying duct tape,
> tieing bailing wire and fastening zipties)
>
> I can't squeeze a D700 in my Miata, so it's D7A(G) or nothing. (How long
> will we have to put () around the G?)
>
> --
> Brian
>
> Ed Mulholland wrote:
>
> > Thanks for the info Walter and as a user who has
> > experienced problems AND, who has a new radio courtesy
> > of Kenwood which so far has worked flawless, I still
> > have problems paying for their problems. How does the
> > rest of the group feel? I wouldn't mind picking up
> > the shipping costs but that's it.
>
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com

> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 24 May 2000 15:59:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85906-2000.05.24-16.05.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian,

Yes the Kenwood upgrade is much better than the Icom upgrade (or any one else's radio for that matter) buy a new radio every 1.5 years to get the features you didn't know you needed before you bought the last new radio!

So why do I want my less than a $1,000 dollar radio to last for 12 years but buy a computer for $1,800 dollars knowing full well I will have to get rid of it in less than 3 years?

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Brian Badger [SMTP:Brian.Badger@wcom.com]
> Sent: Wednesday, May 24, 2000 3:32 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: TH-D7 (G) Upgrade information
>
> Ed,
>
> Personally, I feel okay about the price. If they had been smart on the
> outset, and made their radios user-upgradeable, then I'm sure there
> wouldn't be any cost for the upgrade (the Garmin support model).
>
> Given that the design did not account for user upgradeability, I think
> this is a pretty good alternative.
>
> Brian
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

199. [htaprs] Re: TH-D7 (G) Upgrade information

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 24 May 2000 15:05:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-85907-2000.05.24-16.08.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden wrote:

> I've got a feeling that the reason why the radios are not user upgradeable
> is due to FCC certification issues. It could be that having a user
> upgradeable radio would be something the FCC doesn't like.

Well, this is obviously not an insurmountable issue: the Garmin GPS units that
I referred to are also FCC type-accepted.

> It also could make the unit more complex and more expensive.

Well, when a $99 GPS has the feature, the "cost" argument starts to seem less like reality and more like spin. Nevertheless, Kenwood is doing right by me in that they are "supporting" their product.

--
Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] Re: TH-D7 (G) Upgrade when and who?

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Wed, 24 May 2000 14:09:17 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85908-2000.05.24-16.11.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I'm ready to sent my D7 out for an upgrade. Does anyone know when the
>upgrades will be available, and who to contact for the upgrade?
>

I received this reply from Kenwood this morning:

Dear Kenwood Customer:

Thank you for your e-mail. The TH-D7A (G) upgrade will be available in
6/2000
The cost is about $60.00 plus shipping back to you. Both Kenwood Service
Centers will perform the upgrade. Do not send your TH-D7A until you contact
us first for its availability.

SHIPPING INSTRUCTIONS

Kenwood Service Center West
13030 Alondra Blvd., #104
Cerritos, CA 90703-2257
562-483-8740 phone
562-483-8749 fax

++++++++++++++++++++++++++

Kenwood Service Center East
829 Lynnhaven Parkway, Suite 130
Virginia Beach, VA 23452
757-340-1702 phone
757-340-6809 fax

If you need further assistance, please e-mail us again.

Sincerely,
Kenwood Customer Care

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] TH-D7 (G) Upgrade Docs on Kenwood Website

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Wed, 24 May 2000 17:21:26 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-85912-2000.05.24-16.23.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just checked Kenwood's website and while they have no announcement
about the upgrade they do have the manual on the download area:

 Now Kenwood made a goof .. This first one should be the English
language manual, but it is the Spanish language manual;

  <
http://216.98.255.24/Amateur/Instruction%20Manuals/THD7A(G)_NEW.pdf>

  ... sooo I went to the Spanish language folder and the Spanish
language folder has a file labeled with the Spanish language prefix
"ES_" but it is really the English language manual.

<http://216.98.255.24/Amateur/Instruction%20Manuals/Spanish_Manuals/ES
_TH-D7A(G)_NEW.pdf>

  ... either way, if they correct it by the time you get there ... you
can tel them apart ... the English version is 426KB and the Spanish is
429KB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Re: TH-D7 (G) Upgrade information

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Wed, 24 May 2000 17:17:05 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85913-2000.05.24-16.24.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TECHNICAL reason the D7 is NOT field upgrade-able is that you
have to SOLDER three wires to the main board to do the upgrade..

Fortunately, it only takes them less than 15 minutes to do the entire
thing. I stood there and watched them do it..

I also feel there is some lawyer's opinions in there too...

Keith Sproul

>I've got a feeling that the reason why the radios are not user upgradeable
>is due to FCC certification issues. It could be that having a user
>upgradeable radio would be something the FCC doesn't like. Most of the
>operations are all done in software so being able to change it at the user
>level could allow you to receive in areas that you aren't supposed to (like
>cellular maybe - not an issue with the D7, but is with the D700). It's just
>a guess but I bet that's why. It also could make the unit more complex and
>more expensive.
>
>Who knows. But the radio worked great before the upgrade regardless of the
>bugs. Now it works even better.
>
>73,

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Wed, 24 May 2000 17:29:00 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85914-2000.05.24-16.31.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Brian Badger" <Brian.Badger@wcom.com>

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 24, 2000 5:05 PM
Subject: [htaprs] Re: TH-D7 (G) Upgrade information

> Jon Ogden wrote:
>
> > I've got a feeling that the reason why the radios are not user upgradeable
> > is due to FCC certification issues. It could be that having a user
> > upgradeable radio would be something the FCC doesn't like.
>
> Well, this is obviously not an insurmountable issue: the Garmin GPS units that
> I referred to are also FCC type-accepted.

   INVALID argument! GPS's do not transmit!!!!! FCC only cares aboput spurious emissions which won't be all that strong from a GPS. a 5 watt transceiver is a whole different ball of wax!

> > It also could make the unit more complex and more expensive.

   INVALID argument! THD7 is already flash programmable, its just not easily done. Intentionally so. You have to open it up and solder some wires on. FCC doesn't want it being done by any old yahoo through the serial port. The D700 is also and it is done by the serial port, but you have to open it up anyway and reover or set a jumper first.

> Well, when a $99 GPS has the feature, the "cost" argument starts to seem less
> like reality and more like spin. Nevertheless, Kenwood is doing right by me in
> that they are "supporting" their product.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] APRS/CE Update

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 24 May 2000 17:39:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85919-2000.05.24-16.41.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've only got a few seconds here before I must leave, but...

Check out http://www.tapr.org/~aprsce/ or just go directly to ftp://ftp.tapr.org/aprssig/wince/ .

I've just uploaded v0.99 Build 691 of APRS/CE. If anyone has problems getting this to install, please let me know. This version expires on 31-July-2000.

Thanks for your patience... it's been a crazy week at work and it's only Wednesday...

73

   -Rob
    KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] Re: TH-D7 (G) Upgrade information

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 24 May 2000 16:11:25 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85930-2000.05.24-17.13.57--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Whoa! The manual states that there is now an "ignore DCD" function!
Cool... now sunsat up/down is possible without a QSY on the downlink.

--
Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] Re: TH-D7 (G) Upgrade information

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 24 May 2000 16:13:09 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-85932-2000.05.24-17.15.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Whoa! Bring down the db level.. my hearing aint so good no more. If you
are saying that GPS's aren't the same because their RF operation is not
affected by firmware upgrades, I'd agree. But I don't agree that you
can't make a D7A that is user upgradeable without the modifiable RF
operation. Frankly, I think its a trivial implementation.

And, anyway, my VX5R can be converted to Freeband in software! So the
FCC sure didn't seem to care in that case.

--
Brian

"Brian B. Riley, KA2BQE" wrote:

> ----- Original Message -----
> From: "Brian Badger" <Brian.Badger@wcom.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Wednesday, May 24, 2000 5:05 PM
> Subject: [htaprs] Re: TH-D7 (G) Upgrade information
>
> > Jon Ogden wrote:
> >
> > > I've got a feeling that the reason why the radios are not user
> upgradeable
> > > is due to FCC certification issues. It could be that having a
> user
> > > upgradeable radio would be something the FCC doesn't like.
> >
> > Well, this is obviously not an insurmountable issue: the Garmin GPS
> units that
> > I referred to are also FCC type-accepted.
>
>   INVALID argument! GPS's do not transmit!!!!! FCC only cares aboput
> spurious emissions which won't be all that strong from a GPS. a 5 watt
> transceiver is a whole different ball of wax!
>
> > > It also could make the unit more complex and more expensive.
>
>   INVALID argument! THD7 is already flash programmable, its just not
> easily done. Intentionally so. You have to open it up and solder some
> wires on. FCC doesn't want it being done by any old yahoo through the
> serial port. The D700 is also and it is done by the serial port, but
> you have to open it up anyway and reover or set a jumper first.
>
> > Well, when a $99 GPS has the feature, the "cost" argument starts to
> seem less
> > like reality and more like spin. Nevertheless, Kenwood is doing
> right by me in
> > that they are "supporting" their product.
>
> ---
> You are currently subscribed to htaprs as: Brian.Badger@wcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] Re: TH-D7 (G) Upgrade information

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 24 May 2000 18:13:18 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-85933-2000.05.24-17.16.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 24 May 2000, Brian Badger wrote:

> > I've got a feeling that the reason why the radios are not user upgradeable
> > is due to FCC certification issues. It could be that having a user
> > upgradeable radio would be something the FCC doesn't like.
>
> Well, this is obviously not an insurmountable issue: the Garmin GPS units that
> I referred to are also FCC type-accepted.

They dont TRANSMIT.

> > It also could make the unit more complex and more expensive.
>
> Well, when a $99 GPS has the feature, the "cost" argument starts to seem less
> like reality and more like spin.

But you can manufacture 1,000,000 of the $99 product, but only have a
market of say one half of 1% of that for the HAM radio...

<grin> Ham radio is still a "small market" and you just cannot get
economies of scale as you can get in counsumer products...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] Re: TH-D7 (G) Upgrade information

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 24 May 2000 16:25:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85935-2000.05.24-17.27.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Saying it again: the VX-5R is freeband modifiable in software. The FCC apparently
doesn't care, so long as cell phone reception is not possible.

--
Brian

Bob Bruninga wrote:

> On Wed, 24 May 2000, Brian Badger wrote:
>
> > Well, this is obviously not an insurmountable issue: the Garmin GPS units that
> > I referred to are also FCC type-accepted.
>
> They dont TRANSMIT.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] Re: TH-D7 (G) Upgrade information

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 24 May 2000 17:26:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-85936-2000.05.24-17.29.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:31 PM 5/24/00, Brian Badger wrote:

>The only thing left on my wish list is a heat-sink/fan/powersupply that
>attaches in place of the battery for mobile applications. Darn power
>connector is next to useless in a permanent install, and the back of the
>thing heats up like the dickens when running for extended durations on
>external DC.   You have to attach a battery to use the keypad, otherwise
>you burn your fingers.

The FT-51R had a 12 volt adaptor like that. It was a good idea and it
worked well. High production costs phased out the fan in later models. I
bought an early one and it had the fan.

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] First SUNSAT digipeat?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 24 May 2000 18:44:53 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-85968-2000.05.24-17.47.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since the SUNSAT digi has been made public, the SUNSAT team reports the
following as the first user.. today (although I swear I saw K3FOR on the
pass at 10:50 UTC)...

> Those that digied via APRSAT are shown below (time stamped, with the
> payloads dumped in hex). Being relatively new to APRS, we couldn't
> figure out their meaning quickly. Any ideas?
>
> Wed, 24 May 2000 13:26:25
> fm KC8MZM-3 to TQPX2V, 27 6D 3B 6B 6C 20 1C 6A 2F 5D 22 37 3B 7D 0D

Yes, a Mic-E position report. The TQPX2V is the LATITUDE and message bits
and show a latitude of 41 08.26 North. The message bits indicate
"off duty"
The 27 indicates a Mic-E.
The 6D 3B 6B is longitude of 82 31.80 W
The 6C 20 1c is CSE/SPD (im too lazy to decode)
The 6A 2F   is the ICON for a Jeep
The 5D   indicates it is a Kenwood D700
The 22 37 3b 7D is the altitude which I am also too lazy to work up...

(I may have made some hand decoding mistakes here, but you get the idea)

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

211. [htaprs] Re: TH-D7 (G) Upgrade information

From: Jon Ogden <jono@enteract.com>
Date: Wed, 24 May 2000 18:42:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86078-2000.05.24-18.42.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/24/00 3:59 PM, Hazen, Dwight L at hazen@indiana.edu wrote:

> So why do I want my less than a $1,000 dollar radio to last for 12 years
> but buy a computer for $1,800 dollars knowing full well I will have to get
> rid of it in less than 3 years?

It's so true. Hams cringe at spending $2000 for a good radio, but EASILY
would spend that on a computer.

The average ham's computer budget is FAR larger than their radio budget.
When I bought my last computer, the total bill was around $3600. Not even
my FT-1000D cost that much.

Amazing but true.

73,

Jon
NA9D

```
-------------------------------------
Jon Ogden
NA9D (ex: KE9NA)

Member:  ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

212. [htaprs] Re: TH-D7 (G) Upgrade information

```
From: Jon Ogden <jono@enteract.com>
Date: Wed, 24 May 2000 18:42:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86079-2000.05.24-18.43.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

on 5/24/00 4:05 PM, Brian Badger at Brian.Badger@wcom.com wrote:

> Well, this is obviously not an insurmountable issue: the Garmin GPS units that
> I referred to are also FCC type-accepted.

Yes, but the Garmins are NOT transmitters.

```
-------------------------------------
Jon Ogden
NA9D (ex: KE9NA)

Member:  ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

213. [htaprs] Re: TH-D7 (G) Upgrade information

```
From: Jon Ogden <jono@enteract.com>
Date: Wed, 24 May 2000 18:45:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86082-2000.05.24-18.47.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

on 5/24/00 5:25 PM, Brian Badger at Brian.Badger@wcom.com wrote:

> Saying it again: the VX-5R is freeband modifiable in software. The FCC
> apparently
> doesn't care, so long as cell phone reception is not possible.

Brian,

You don't get it. Modifying RECEIVERS is not what the FCC is worried about.
The TH-D7A modification affects it's TRANSMITTING ability.

Jon
NA9D

```
-------------------------------------
Jon Ogden
NA9D (ex: KE9NA)

Member:  ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

214. [htaprs] Re: TH-D7 (G) Upgrade information

From: Jon Ogden <jono@enteract.com>
Date: Wed, 24 May 2000 18:46:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86083-2000.05.24-18.48.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/24/00 5:26 PM, Mark Fellhauer at sparkfel@primenet.com wrote:

>> The only thing left on my wish list is a heat-sink/fan/powersupply that
>> attaches in place of the battery for mobile applications. Darn power
>> connector is next to useless in a permanent install, and the back of the
>> thing heats up like the dickens when running for extended durations on
>> external DC.   You have to attach a battery to use the keypad, otherwise
>> you burn your fingers.
>
> The FT-51R had a 12 volt adaptor like that. It was a good idea and it
> worked well. High production costs phased out the fan in later models. I
> bought an early one and it had the fan.

Buy the AA battery pack and run with it empty.

73,

NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] Re: TH-D7 (G) Upgrade information

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Wed, 24 May 2000 19:00:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86087-2000.05.24-19.02.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden wrote:
>
> on 5/24/00 5:26 PM, Mark Fellhauer at sparkfel@primenet.com wrote:
>
> >> The only thing left on my wish list is a heat-sink/fan/powersupply that
> >> attaches in place of the battery for mobile applications. Darn power
> >> connector is next to useless in a permanent install, and the back of the
> >> thing heats up like the dickens when running for extended durations on
> >> external DC.   You have to attach a battery to use the keypad, otherwise
> >> you burn your fingers.
> >
> > The FT-51R had a 12 volt adaptor like that. It was a good idea and it
> > worked well. High production costs phased out the fan in later models. I
> > bought an early one and it had the fan.
>
> Buy the AA battery pack and run with it empty.
>
> 73,
>
> NA9D
>
> ---
> Jon Ogden
> NA9D (ex: KE9NA)
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>

> "A life lived in fear is a life half lived."

Any thoughts to using the little 12 volt CPU fans in a
empty battery holder with the appropriate ventilation
holes? I was thinking of doing this for mobile
operation.. :-)

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

216. [htaprs] Is the D700 software the same as the D7A(G)?

From: "Kent Hufford" <khufford@erols.com>
Date: Wed, 24 May 2000 22:22:46 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-86092-2000.05.24-19.26.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just unpacked my new D700. Got it powered up. Downloaded the D700
programming software from the Kenwood FTP site, installed it. Got it to see
the D700. Load the call sign and some freqs. It works. Now...

1. The Help screen says it is version 0.00. We know that. The same screen,
at the top, in the colored bar says it is MCP-D7. Then in the box it says it
is a D700 Control program.
2. When you go to open a file in the program, you can retrieve *.700 or *.D7
files.
3. Sometimes the file you are looking for disappears from the screen. Got
work on that some more.

So, Can I use the D700 software to "program" the new ROMed D7A(G)?

thanks in advance
Kent
KQ4KK
khufford@erols.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

217. [htaprs] APRS-ce GPS Problem

From: "Myrt Webb" <mwwebb@cyberport.net>
Date: Wed, 24 May 2000 19:55:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86128-2000.05.24-20.58.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I cannot get gps position data for my APRS-ce.

Here is my setup:

A Garmin 12xl putting NEMA into a TH-D7. I know the radio is getting the
data because when I push the 'pos' button the correct position is displayed.

The radio using a Kenwood PC cable goes through a db-9 null modem adapter
into the factory made serial cable for the Casio E-100.

For the gps setup I have 'gps enabled' and the 'get data from the
TNC(automatic)' selected.

For the tnc I am using 'Com1', 'TN2', '9600' and '8N1'.

APRS-ce will recognize and display other stations and their correct
position. It will transmit the position of itself which is the incorrect
default of W000 N000.

What do I need to change to get this to work?

Myrt in MT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

218. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Wed, 24 May 2000 23:37:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86155-2000.05.24-22.39.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 24, 2000 7:45 PM
Subject: [htaprs] Re: TH-D7 (G) Upgrade information

> on 5/24/00 5:25 PM, Brian Badger at Brian.Badger@wcom.com wrote:
>
> > Saying it again: the VX-5R is freeband modifiable in software.
The FCC
> > apparently doesn't care, so long as cell phone reception is not
possible.
>
> Brian,
>
> You don't get it. Modifying RECEIVERS is not what the FCC is
worried about.
> The TH-D7A modification affects it's TRANSMITTING ability.

 ... well Jon, you are both kinda right, the FCC does at least makes a
small show of keeping us from listening on the proscribed frequencies.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

219. [htaprs] Re: First SUNSAT digipeat?

From: "Mike Riffle" <mriffle@toast.net>
Date: Wed, 24 May 2000 23:24:19
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86194-2000.05.24-23.26.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the decode Bob. I had the longitude decoded but got lost
after that (trying to decode the ASCII characters from the p.mon on
the D700). I completely missed the latitude in the destination
address - I kept wondering all day where it was hid at. Guess its
time to study the protocol reference some more.

Mike
kc8mzm

On 05/24/00, "Bob Bruninga <bruninga@nadn.navy.mil>" wrote:
> Since the SUNSAT digi has been made public, the SUNSAT team reports the
> following as the first user.. today (although I swear I saw K3FOR on the
> pass at 10:50 UTC)...
>
> > Those that digied via APRSAT are shown below (time stamped, with the
> > payloads dumped in hex). Being relatively new to APRS, we couldn't
> > figure out their meaning quickly. Any ideas?
> >
> > Wed, 24 May 2000 13:26:25
> > fm KC8MZM-3 to TQPX2V, 27 6D 3B 6B 6C 20 1C 6A 2F 5D 22 37 3B 7D 0D
>
> Yes, a Mic-E position report. The TQPX2V is the LATITUDE and message bits
> and show a latitude of 41 08.26 North. The message bits indicate
> "off duty"
> The 27 indicates a Mic-E.
> The 6D 3B 6B is longitude of 82 31.80 W
> The 6C 20 1c is CSE/SPD (im too lazy to decode)

> The 6A 2F   is the ICON for a Jeep
> The 5D   indicates it is a Kenwood D700
> The 22 37 3b 7D is the altitude which I am also too lazy to work up...
>
> (I may have made some hand decoding mistakes here, but you get the idea)
>
> Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

220. [htaprs] Re: Garmin eTrex

From: "Don Wilbanks, KC5MFA" <kc5mfa@bellsouth.net>
Date: Wed, 24 May 2000 23:41:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86197-2000.05.24-23.47.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We used an eTrex as a tracker from New Orleans to Dayton with no problems other than having to change the batteries once. One thing to watch, though, is the data cable connection at the eTrex. It is prone to sliding off if you're not careful. I should also say that it wasn't my unit, so I'm not really not that familiar with it, but it did lock on the sats MUCH quicker than my Magellin GPS 3000.

I think Service Merchandise has a sale on it through August. Give it a shot.

73,

Don Wilbanks
KC5MFA

- - - - - - - - - - - - - -
Email:
kc5mfa@bellsouth.net
Visit my webpage:
www.qsl.net/kc5mfa/
Visit the Westside Amateur Radio Club webpage:
www.qsl.net/w5abd/
Visit the NOVHF Amateur Radio Club website:
www.qsl.net/w5mcc/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] Computer Control of VC-H1

From: Jon Ogden <jono@enteract.com>
Date: Thu, 25 May 2000 00:02:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86212-2000.05.25-00.03.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Has anybody been successful with using a computer to control the VC-H1. I didn't buy the software Kenwood sells since I have a Macintosh and I was hoping to be able to send commands manually.

I have hooked up the unit via the com port with the same cable that I use for my TH-D7A. I know it gets something because when the screen is blank and I hit return, it brings up the last received picture.

But no other commands work. I don't know why.

Has anyone else been successful with this and has anyone written any software for the Mac to control the unit and get images from it? I'd really like to be able to do this.

Thanks!

73,

Jon
NA9D

```
-------------------------------------
Jon Ogden
NA9D (ex: KE9NA)

Member:  ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

222. [htaprs] Re: APRS-ce GPS Problem

```
From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Thu, 25 May 2000 01:10:50 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86215-2000.05.25-00.12.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
> I cannot get gps position data for my APRS-ce.
>
> Here is my setup:
>
> [SNIP]
>
> For the gps setup I have 'gps enabled' and the 'get data from the
> TNC(automatic)' selected.
>
> For the tnc I am using 'Com1', 'TN2', '9600' and '8N1'.
>
> APRS-ce will recognize and display other stations and their correct
> position. It will transmit the position of itself which is the incorrect
> default of W000 N000.
>
> What do I need to change to get this to work?
>

Myrt,

What INIT file are you using?  (Look in the same place that you set up the
TNC serial port parameters.)

You need to have an INIT file which includes (among other things) the
following lines:

GBAUD 4800
GPSTEXT $GPRMC
LTMH OFF
LTM 10

Here's my INITTHD7.TNC:

* TNC Init file for KENWOOD TH-D7
AWlen 8
BBSMsgs ON
B E 0
LOC E 0
Echo off
FLow off
AUTOLF off
MCOM off
MON ON
MRPt on
PACLen 128
HBAUD 1200
* delete following lines if without GPS
GBAUD 4800
GPSTEXT $GPRMC
LTMH OFF
LTM 10

Just put it somewhere on your CE device and set that to be your init file.
It should start working.

Let me know how it goes...
```

73

-Rob
KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] Upgrading/modification of radios

From: jeff <jruhnke@urbancom.net>
Date: Thu, 25 May 2000 06:55:18 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86270-2000.05.25-06.58.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

well lets see. I own a ADI 600AT. That HT is KEYBOARD modifiable to
TRANSMIT out of band.
The radio is readily avable almost everywhere. The augment that the FCC is
why the D7is not user upgradeable doesn't hold water.

>on 5/24/00 5:25 PM, Brian Badger at Brian.Badger@wcom.com wrote:
> > Saying it again: the VX-5R is freeband modifiable in software. The FCC
> > apparently
> > doesn't care, so long as cell phone reception is not possible.
>Brian,
>You don't get it. Modifying RECEIVERS is not what the FCC is worried about.
>The TH-D7A modification affects it's TRANSMITTING ability.
>Jon
>NA9D
>-------------------------------------
>Jon Ogden
>NA9D (ex: KE9NA)
>Member: ARRL, AMSAT, DXCC, NRA
>http://www.qsl.net/ke9na
>"A life lived in fear is a life half lived."
>
>--

Jeff Ruhnke
Owner Buttons By Jeff
http://users.urbancom.net/bbj

BJ Buttons Pic's at http://users.urbancom.net/jruhnke

Historian Good Bears of the World
Http://www.goodbearsoftheworld.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] RE: APRS-ce GPS Problem

From: Paul Jacques <PaulJ@minimed.com>
Date: Thu, 25 May 2000 05:19:55 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86272-2000.05.25-07.22.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Subject: APRS-ce GPS Problem
From: "Myrt Webb" <mwwebb@cyberport.net>
Date: Wed, 24 May 2000 19:55:58 -0600
X-Message-Number: 31

I am not using APRS-ce but when you set up your Garmin Interface, I thought
the transfer speed was 4800 baud. I know when you set it for NEMA/NEMA you
get 4800/4800. Hope that helps!

Paul
WB6IWT

>I cannot get gps position data for my APRS-ce.

>Here is my setup:

>A Garmin 12xl putting NEMA into a TH-D7. I know the radio is getting the
>data because when I push the 'pos' button the correct position is
displayed.

>The radio using a Kenwood PC cable goes through a db-9 null modem adapter
>into the factory made serial cable for the Casio E-100.

>For the gps setup I have 'gps enabled' and the 'get data from the
>TNC(automatic)' selected.

>For the tnc I am using 'Com1', 'TN2', '9600' and '8N1'.

>APRS-ce will recognize and display other stations and their correct
>position. It will transmit the position of itself which is the incorrect
>default of W000 N000.

>What do I need to change to get this to work?

>Myrt in MT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

225. [htaprs] Digital noise on D700

From: "Richard Carter" <rich.carter@windriver.com>
Date: Thu, 25 May 2000 09:31:28 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86280-2000.05.25-08.34.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have received numerous complaints about transmissions from my D700. I
tracked it down to digital noise that appears related to the GPS data
stream. When transmitting, there is digital noise on my audio whenever the
transceiver receives a GPS sentence.

I don't see how it could matter, but I use a tripmate GPS powered
externally. I use the supplied GPS data cable. The GPS is not
opto-isolated from the transceiver.

I know that at least one other HTAPRS member has the same problem. Has
anyone else noticed this same problem?

Has anyone solved this problem?

Rich Carter
KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

226. [htaprs] GPS III+ w/ D700 or D7

From: Ralph Milnes <milnes@openix.com>
Date: Thu, 25 May 2000 10:34:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86295-2000.05.25-09.36.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can't tell from the Garmin site --

Will the GPS III+ accept the $GPWPL info that the D700s and D7As output
(puts APRS stations on your GPS screen)?

I have a II+ but the III+'s map display capabilities are intriguing.

If the III+ does accept the $GPWPL statements, the III+ might answer my
desire to see both street level mapping and APRS station posits on the GPS
screen.

Comments from any one running such a combo -- III+ with D7A or D700 --
would be appreciated.

Ralph, KC2RLM
Ralph
Milnes@openix.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

227. [htaprs] Re: TH-D7 (G) Upgrade information

From: Brian Badger <Brian.Badger@wcom.com>
Date: Thu, 25 May 2000 08:43:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86297-2000.05.25-09.46.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon,

You're being pretty harsh considering you didn't bother to read what I had to say. The VX-5R is user modifiable, through the serial port, to transmit on a very wide range of frequencies. Something that, by your logic, the FCC would never allow.

http://www.icongrp.com/~sllewd/download.htm

--
Brian

Jon Ogden wrote:

> on 5/24/00 5:25 PM, Brian Badger at Brian.Badger@wcom.com wrote:
>
> > Saying it again: the VX-5R is freeband modifiable in software. The FCC
> > apparently
> > doesn't care, so long as cell phone reception is not possible.
>
> Brian,
>
> You don't get it. Modifying RECEIVERS is not what the FCC is worried about.
> The TH-D7A modification affects it's TRANSMITTING ability.
>
> Jon
> NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

228. [htaprs] Re: GPS III+ w/ D700 or D7

From: Brian Badger <Brian.Badger@wcom.com>
Date: Thu, 25 May 2000 08:56:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86299-2000.05.25-09.58.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph,

The GPSIII+ w/D7A is probably the most common Kenwood+GPS combination. I have it, and it works just great. In fact, because of the GPSIII+ mapping, I have run into several other APRS hams who I wouldn't have noticed except for the icon that popped up on the screen.

For instance, while stuck in a traffic jam on I-70 in Missouri, a WU2Z icon appeared on the screen a few miles behind me. From the display, I could clearly see that he was also on I-70 and stopped. Turns out Keith was also stuck in the traffic jam. APRS messaging ensued. ;-)

The only downside is that the GPSIII+ redraws the screen with every new waypoint position, so if you get in a congested area, it's difficult to use the GPS. Zooming in helps, as this reduces the redraw time.
--
Brian, KC0HIR

Ralph Milnes wrote:

> Comments from any one running such a combo -- III+ with D7A or D700 --
> would be appreciated.
>
> Ralph, KC2RLM
> Ralph

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

229. [htaprs] Re: GPS III+ w/ D700 or D7

From: "bob" <w2g3zfj@unix.asb.com>
Date: Thu, 25 May 2000 11:02:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86300-2000.05.25-10.01.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ralph

The GPSIII+ definately works with the D7A and plots everything fine on the
maps. One useful tip is that the screen soon gets cluttered, however, you
can selectively erase all of the 'radio' positions as they use the default
icon. Just make sure you select a different icon for the waypoints you want
to keep!
73 de bob
w2/g3zfj

-----Original Message-----
From: Ralph Milnes <milnes@openix.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Thursday, May 25, 2000 10:27
Subject: [htaprs] GPS III+ w/ D700 or D7

>I can't tell from the Garmin site --
>
>Will the GPS III+ accept the $GPWPL info that the D700s and D7As output
>(puts APRS stations on your GPS screen)?
>
>I have a II+ but the III+'s map display capabilities are intriguing.
>
>If the III+ does accept the $GPWPL statements, the III+ might answer my
>desire to see both street level mapping and APRS station posits on the GPS
>screen.
>
>Comments from any one running such a combo -- III+ with D7A or D700 --
>would be appreciated.
>
>Ralph, KC2RLM
>Ralph
>Milnes@openix.com
>
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

230. [htaprs] Re: Digital noise on D700

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Thu, 25 May 2000 10:49:51 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86317-2000.05.25-11.51.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had this problem when I transmitted cross-band (half-duplex, thanks). I
wrapped the wire to the radio gps port around a snap on torrid and it
cleared things up.

Tom
----- Original Message -----
From: "Richard Carter" <rich.carter@windriver.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, May 25, 2000 7:31 AM
Subject: [htaprs] Digital noise on D700

> I have received numerous complaints about transmissions from my D700. I
> tracked it down to digital noise that appears related to the GPS data
> stream. When transmitting, there is digital noise on my audio whenever
the
> transceiver receives a GPS sentence.
>
> I don't see how it could matter, but I use a tripmate GPS powered
> externally. I use the supplied GPS data cable. The GPS is not
> opto-isolated from the transceiver.
>
> I know that at least one other HTAPRS member has the same problem. Has
> anyone else noticed this same problem?
>
> Has anyone solved this problem?
>
> Rich Carter
> KE1EV
>
>
> ---
> You are currently subscribed to htaprs as: toms@inconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

231. [htaprs] RE: APRS-ce GPS Problem

From: Claude Head <k5dtn@swbell.net>
Date: Thu, 25 May 2000 13:13:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86341-2000.05.25-13.18.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Folks, note the difference between "NEMA" and "NMEA". They are not the
same at all. If memory serves correctly, NEMA stands for National Electronics
Manufacturers Association, and NMEA stands for National Marine Electronics
Association. GPS units talk NMEA.

73, Claude K5DTN

Paul Jacques wrote:

> Subject: APRS-ce GPS Problem
> From: "Myrt Webb" <mwwebb@cyberport.net>
> Date: Wed, 24 May 2000 19:55:58 -0600
> X-Message-Number: 31
>
> I am not using APRS-ce but when you set up your Garmin Interface, I thought
> the transfer speed was 4800 baud. I know when you set it for NEMA/NEMA you
> get 4800/4800. Hope that helps!
>
> Paul
> WB6IWT
>
> >I cannot get gps position data for my APRS-ce.
>
> >Here is my setup:
>
> >A Garmin 12xl putting NEMA into a TH-D7. I know the radio is getting the
> >data because when I push the 'pos' button the correct position is
> displayed.
>
> >The radio using a Kenwood PC cable goes through a db-9 null modem adapter
> >into the factory made serial cable for the Casio E-100.
>
> >For the gps setup I have 'gps enabled' and the 'get data from the
> >TNC(automatic)' selected.
>
> >For the tnc I am using 'Com1', 'TN2', '9600' and '8N1'.
>
> >APRS-ce will recognize and display other stations and their correct
> >position. It will transmit the position of itself which is the incorrect
> >default of W000 N000.
>
> >What do I need to change to get this to work?

>
> >Myrt in MT
>
> ---
> You are currently subscribed to htaprs as: k5dtn@swbell.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] Re: Is the D700 software the same as the D7A(G)?

From: "Dick Baum" <cdb012@email.mot.com>
Date: Thu, 25 May 2000 13:19:36
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86344-2000.05.25-13.22.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was able to read my d7a data file into the D700 SW and write it back to
disk, somewhat larger size 3k->4k. The d7a is the original version so I
cannot do the test you asked about..but am very interested in your
results.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

233. [htaprs] FW: APRS/CE Update

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Thu, 25 May 2000 14:22:22 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86345-2000.05.25-13.24.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI...

Rob wrote:
> I need to get some documentation out there on the web site... :-)
>
> Right now, there is receive-only connectivity under
> Settings->Communications->Net. This has worked well on the few
> devices I've tested with, but I need more feedback from folks on
> how well (or not) it works for them. Since the APRServe
> password-generation algorithm is public knowledge, I'm adding the
> two-way connectivity as we speak. Let's see how quickly I can
> get that done...
>
> 73
>
>   -Rob
>   KZ5RW
>
> Mark Phillips wrote:
> > Will there be any IP connectivity for APRS/CE? Many folks I know have a
> > wireless network card using CDPD at 19k2 and could connect into the aprs
> > net over it.
> >
> > Mark G7LTT
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

234. [htaprs] RE: APRS/CE Update

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Thu, 25 May 2000 14:22:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86352-2000.05.25-13.26.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To the SIG: Sorry if the answers are a little redundant, I've gotten a
number of these questions recently.

> I have just go my self a HP 430 H/Pc and loaded your winCE. Wow very neat.
> Could you tell me what type of maps I can put into it. I hope

> that they are
> the same as the ones for WinAPRS. If so where do I stick them as the unit
> has no maps on them at the mo.

You're in luck. It reads Win/MacAPRS, pocketAPRS, and dosAPRS maps. Get
them downloaded into *any* directory on your CE box, and APRS/CE will find
them.

> Many thanks for a fantastic app
> 73 and good luck
> Peter
>   ZR5DWC

Thanks much!

73

   -Rob
    KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

235. [htaprs] RE: APRS-ce GPS Problem

From: David VanHorn <dvanhorn@cedar.net>
Date: Thu, 25 May 2000 13:15:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86355-2000.05.25-13.27.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 01:13 PM 5/25/00 -0500, Claude Head wrote:
>Folks, note the difference between "NEMA" and "NMEA". They are not the
>same at all. If memory serves correctly, NEMA stands for National Electronics
>Manufacturers Association, and NMEA stands for National Marine Electronics
>Association. GPS units talk NMEA.

NEMA is about explosion proof enclosures and such.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOS2J1IFlGDz1l6VWEQJ4JwCg4n2RWfeiPNqHMtCgBIrHULFq3j0AoMY/
GeumF/ZpQN+mVLcjzmtR/8QM
=vxOq
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

236. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Tom Clarke" <fclarke@erols.com>
Date: Thu, 25 May 2000 16:37:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86387-2000.05.25-15.40.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I give up, what is Freeband?

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 24, 2000 7:45 PM
Subject: [htaprs] Re: TH-D7 (G) Upgrade information

> on 5/24/00 5:25 PM, Brian Badger at Brian.Badger@wcom.com wrote:
>
> > Saying it again: the VX-5R is freeband modifiable in software. The FCC
> > apparently
> > doesn't care, so long as cell phone reception is not possible.
>
> Brian,
>
> You don't get it. Modifying RECEIVERS is not what the FCC is worried
about.
> The TH-D7A modification affects it's TRANSMITTING ability.
>
> Jon
> NA9D
>
> -------------------------------------
> Jon Ogden
> NA9D (ex: KE9NA)
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

237. [htaprs] Re: TH-D7 (G) Upgrade information

From: David VanHorn <dvanhorn@cedar.net>
Date: Thu, 25 May 2000 16:38:26 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86413-2000.05.25-16.50.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 04:37 PM 5/25/00 -0400, Tom Clarke wrote:
>OK, I give up, what is Freeband?

The mythical land of frequencies that nobody uses, used by CB idiots who
can't keep their screaming and roger-beeps to their own sandbox.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOS25coFlGDz1l6VWEQKP2QCcDj5zqpuZsJnAGZ8IOwBpfeiUhY8AoNKw
931hmzqbdoN4SdmEvx0GW8cu
=4cgV
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

238. [htaprs] SUNSAT Downlink.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 25 May 2000 20:16:56 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86431-2000.05.25-19.19.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just went out from work to watch the first evening's SUNSAT pass
(a low 8 deg elevation pass) over the Atlantic on my Mobile
TM-D700 and can report the following:

1) I capture all packets that light only 1 or more LCD segments
2) I captured several minutes of packets even on this low 8 degree
   pass (yes, my mobile had a clear horizon to the east)
3) I noticed that during the day, I had captured packets from earlier
   passes from KB2WQM in NJ, KC8MZM in Akron Ohio and N5SUB in Texas.

ALthough my WEB page describes operations in detail, I thought I would
boil it all down for anyone who simply wants to leave the rig on in their
mobile and see what they capture. Here are the minimum settings to
CAPTURE packets form SUNSAT on your TMD700 mobile.

1) Set TNC APRS mode
2) Tune to 145.825 RECEIVE on band A
3) Tune to 436.290 XMIT on band B (and tune it during the pass)
4) Set APRS DATA BAND to RX:A and TX:B
5) Set APRS SPEED to 9600 baud
6) Set APRS PATH to SUNSAT
7) Set Packet rate to one minute or so
8) Set Transmit to AUTO
9) Add the wildcard * to your MESSAGE GROUPS

EXPECTATIONS: You will hear data bursts once every 10 seconds
which are the TELEMETRY packets. In addition, you will hear other bursts
if anyone digipeats or when SUNSAT sends a bulletin. The BULLETINS and
messages from others will be captured and displayed. To see the
TELEMETRY or other raw packets, press the PACKET MONITOR (P.MON) button.

Start your uplink on 436.280 at the beginning of the pass and end on
436.300 at the end. But with typical trees and buildings, you probably
only need to concentrate on the central .285, .290 and .295 uplinks.

DO NOT: DO NOT just leave your tranmit ON during the evening. The
mid-USA pass is always a VOICE pass and we are NOT authorized to use
packet during voice passes. Please. But DO Go out and listen to it if
you havent heard it before. Its Great fun.

So there you have it. Mobile-to-Mobile live packet communications. FOr
details: http://web.usna.navy.mil/~bruninga/astars.html

Your OLD THD7 will also receive these packets in TNC-PACKET mode with a
laptop, but the NEW THD7(G) can operate 9600 baud in APRS mode and so it
will capture all the above packets directly to the screen, just like the
mobile. (And the old ones can be upgraded...)

Enjoy
de WB4APR, Bob

P.S. It is OK to set the squelch. There is enough TXD to get the packets
anyway. Besides the difference between OPEN Squelch and 9600 baud is so
slight you might not even notice them. But with the squelch, they are
clearly there...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

239. [htaprs] TH-D7A programming software

From: Jon Ogden <jono@enteract.com>
Date: Thu, 25 May 2000 20:08:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86447-2000.05.25-20.09.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, it looks like those of us with the "G" version of the TH-D7A are stuck
without software. After getting the radio reset by the upgrade, I thought I
would fire up the Windoze emulator on the Mac and save the configuration.
Since some folks said they could read in the TH-D7A data files with the D700
software, I decided to download and try the D700 software.

Well, it doesn't work. It comes back and says "Invalid Radio."

So what do we do?

Now I've got two things I want to program: TH-D7A (G) and the VC-H1 and I

can't get either to work!

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

240. [htaprs] FW: APRS/CE Update

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Fri, 26 May 2000 01:29:52 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86496-2000.05.26-00.32.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Rob wrote:
> >
> > Right now, there is receive-only connectivity under
> > Settings->Communications->Net. This has worked well on the few
> > devices I've tested with, but I need more feedback from folks on
> > how well (or not) it works for them. Since the APRServe
> > password-generation algorithm is public knowledge, I'm adding the
> > two-way connectivity as we speak. Let's see how quickly I can
> > get that done...

Here's a "well, duh!" for ya! I started browsing through the network
connectivity code that I had been working on a little while back and it
looks like there is indeed full two-way capability - I had already
incorporated Steve's password gen algorithm and the logon string, etc.! I
had a quick keyboard chat with AA3JY today, with my palmtop being connected
only to the 'net. (How the heck did I forget that I finished that piece of
code? :-\ Neural overload, I guess.)

I did make a tweak tonight that makes the "user experience" a little better,
especially when connecting to port 10151 on www.aprs.net -- I lowered the
'net read thread priority one notch. Now the main thread (UI, drawing,
etc.) takes precedence so there's less apparent contention for the machine's
"attention". I had the full APRServe dump going on my machine, several
thousand stations. (List stations is *really* slow when you have a couple
of thousand stations in the list - I need to work on that... note to
self...) The tweak will be in the next build that goes up to ftp.tapr.org.

Anyway, just wanted you APRS/CE'ers out there to know that Build 691 has
two-way TCP/IP connectivity.

73

   -Rob
    KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

241. [htaprs] Garmin GP12map + D7 or D700 ?

From: "Höller, Wolf-Dieter" <Wolf.Hoeller@fw.oebb.at>
Date: Fri, 26 May 2000 12:24:10 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86532-2000.05.26-05.27.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi!

Any experiences if the G12MAP works togehter with D7 and/or D700?
Specially sending back positions from D7 or D700 to the GP12MAP!!

Thank you!

Wolf
oe7ftj@gmx.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

242. [htaprs] RE: TH-D7A programming software

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 26 May 2000 09:20:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86574-2000.05.26-08.23.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I downloaded link7, a software control written by another HTAPRS member. It
is much better than the Kenwood software. Let's hope it is quickly upgraded
for the -G model soon. Unfortunately, it doesn't support the D700 yet.

73's
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Jon Ogden
Sent: Thursday, May 25, 2000 9:08 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] TH-D7A programming software

Well, it looks like those of us with the "G" version of the TH-D7A are stuck
without software. After getting the radio reset by the upgrade, I thought I
would fire up the Windoze emulator on the Mac and save the configuration.
Since some folks said they could read in the TH-D7A data files with the D700
software, I decided to download and try the D700 software.

Well, it doesn't work. It comes back and says "Invalid Radio."

So what do we do?

Now I've got two things I want to program: TH-D7A (G) and the VC-H1 and I
can't get either to work!

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

243. [htaprs] Garmin 20

From: "Petz, Michael" <MPetz@stlcc.cc.mo.us>
Date: Fri, 26 May 2000 09:41:39 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86584-2000.05.26-09.43.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can the Garmin 20 be used with the D700? I would rather use the Garmin 20
instead of the Garmin 45XL.

Michael Petz
KA9HNT
mpetz@stlcc.cc.mo.us

244. [htaprs] RE: TH-D7A programming software

From: "Anthony Parise" <aparise@fast.net>
Date: Fri, 26 May 2000 12:02:28 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86601-2000.05.26-11.04.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Richard Carter" <rich.carter@windriver.com> wrote:
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Subject: [htaprs] RE: TH-D7A programming software
Date sent: Fri, 26 May 2000 09:20:56 -0400

> I downloaded link7, a software control written by another HTAPRS member. It
> is much better than the Kenwood software. Let's hope it is quickly upgraded
> for the -G model soon. Unfortunately, it doesn't support the D700 yet.
>
> 73's
> Rich - KE1EV
>

As I am the author of link7 (and eventually link700), I guess a
progress report is in order. My new new program, link700, was
going along really well, and quickly, until I hit a snag: the
computer I was using for development had only 48 Meg of memory
and I ran out of space for my IDE to run and debug the program. It
took me a couple of weeks to put together a new computer. I now
have 256 Meg , so I shouldn't have any more problems in this
respect.

link700 will do everything link7 does, for the TM-D700 as well as
the TH-D7. It will allow you to bring up multiple profiles (sets of
data) for the 'D7 and 'D700, and to cut/copy and paste from one
profile to another, e.g. if you want to copy channels in your HT to
your D700, just copy and paste. The new "G" version of the TH-D7
will be supported as soon as I can get/work out the new codes (
anybody out there figure them out yet?). I must say I'm anxious to
get mine converted, just to clear up that major annoyance, of a
packet display capturing control of the whole radio, and requiring
an extra push of the PTT to transmit. That has been my biggest
complaint about the 'D7 and 'D700 all along.

The suport for link7 has been gratifying. I have even had a
volunteer for beta testing link700, and I haven't even asked yet.
Thanks for all the support and keep a watch on my URL for
updates:

http://www.qsl.net/wa3hrl/

Yes, the web site needs some development, but if I spend the time
on doing that, that's less time I have to spend on link700.

Tony Parise
aparise@fast.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

245. [htaprs] Etrex altitude data

From: "Rick Olsen" <n6nr@arrl.net>
Date: Fri, 26 May 2000 12:30:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86652-2000.05.26-14.33.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does the Garmin Etrex provide altitude information on the NMEA data output
string? I would also be interested in any caveats or praise you might have
for the little unit. The price sure seems to be right.

73 de Rick, N6NR
Contributing Editor
73 Magazine

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

246. [htaprs] Re: Etrex altitude data

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Fri, 26 May 2000 12:44:49 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86655-2000.05.26-14.46.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The eTrex has NMEA output and it includes $GPGGA and thus Altitude data. In addition to NMEA, the eTrex has Garmin's "Simple Text Output" (STF) which included altitude. STF supplies in a 56 byte packet, Date/Time to the second, 3D Position (easting, northing, altitude) and 3D velocity which included vertical velocity. The other thing the eTrex does, is stores Altitude data with the Internet Tracklog and with Waypoints. The biggest disappointment I have with the eTrex is the user interface and data displayed. But maybe Garmin will "fix" this in future updates of the firmware. They certainly have improved the eMap since the first iteration.

Brent, KH2Z

>Does the Garmin Etrex provide altitude information on the NMEA data output
>string? I would also be interested in any caveats or praise you might have
>for the little unit. The price sure seems to be right.
>
>73 de Rick, N6NR
>Contributing Editor
>73 Magazine
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

247. [htaprs] Re: Etrex altitude data

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Fri, 26 May 2000 12:53:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86658-2000.05.26-14.55.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Internet Tracklog? Dah - Internal Tracklog....

>The eTrex has NMEA output and it includes $GPGGA and thus Altitude data.
In
>addition to NMEA, the eTrex has Garmin's "Simple Text Output" (STF) which
>included altitude. STF supplies in a 56 byte packet, Date/Time to the
>second, 3D Position (easting, northing, altitude) and 3D velocity which
>included vertical velocity. The other thing the eTrex does, is stores
>Altitude data with the Internet Tracklog and with Waypoints. The biggest
>disappointment I have with the eTrex is the user interface and data
>displayed. But maybe Garmin will "fix" this in future updates of the
>firmware. They certainly have improved the eMap since the first iteration.
>
>Brent, KH2Z
>
>
>
>
>
>
>>Does the Garmin Etrex provide altitude information on the NMEA data output

>>string? I would also be interested in any caveats or praise you might
have
>>for the little unit. The price sure seems to be right.
>>
>>73 de Rick, N6NR
>>Contributing Editor
>>73 Magazine
>>
>
>
>
>---
>You are currently subscribed to htaprs as: bhildebrand@earthlink.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

248. [htaprs] Next HamHUD PCB batch due on Fri 6/2

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Fri, 26 May 2000 15:42:40 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86682-2000.05.26-16.46.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will be shipping the backorders, and able to accept new orders as well.

The order form and construction documentation are found at:
http://www.c2-tech.com/~steveb/hamhud/

Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

249. [htaprs] Which GPS Engine??

From: Jack Chomley <chomley@telelink.com.au>
Date: Sat, 27 May 2000 09:24:04 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86699-2000.05.26-18.09.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi APRSologists,

I currently have a Garmin 38, which works very well, however
it chews batteries and my interface cable is not set up for
external DC power connection.
I am looking for a GPS Engine to replace it with, that runs
on external 12vdc, is compatible with PacComm/Kantronics TNC's,
also my TH-D7A. And of course....a price that won't send my
bank manager into horror mode!! (Is THAT possible!)
Any ideas appreciated.

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

250. [htaprs] User TH-D7 upgrades

From: Darrell Hale <halehome@home.com>
Date: Fri, 26 May 2000 20:10:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86705-2000.05.26-19.12.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I've got a feeling that the reason why the radios are not user upgradeable
>is due to FCC certification issues. It could be that having a user
>upgradeable radio would be something the FCC doesn't like.

I would buy into an FCC argument IF the user could change settings that
defined how the radio operated. But as that would entail modifying the
binary image file that flash upgrades use, I find that really an unlikely
argument. Espically as users adding/removing diodes and jumpers from the
motherboard can achieve many of the same results.

If Kenwood only provided "type accepted" upgrade files, then the only user
modifiable settings allowed would be the ones available through the normal
configuration utilities or front panel programming procedures.

If someone really wanted to modify binary code, they could always get the
spec sheet of the memory drvice, figure out how to read the data out, change
it, and then load their modifications back in.

Finally, if the FCC, and thus the manufacturers, were that concerned about
user modifications why is the ability even present to allow unauthorized
transmissions (such as out-of-band mods) at all? By allowing someone to make
hardware mods to take advantage of these "hidden" abilities they are in
effect allowing it to happen anyway. It they were that concerned it
shouldn't be allowed in the first place.

Arguments that flash upgrades may add another buck to the price or otherwise
create other unacceptable design problems are much more likely arguments.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

251. [htaprs] Re: Etrex altitude data

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Fri, 26 May 2000 20:10:02 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86706-2000.05.26-19.13.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Altitude data with the Internet Tracklog and with Waypoints. The biggest
> disappointment I have with the eTrex is the user interface and data
> displayed. But maybe Garmin will "fix" this in future updates of the
> firmware. They certainly have improved the eMap since the first
> iteration.

On a whim I went out to the local Service Merchandise and bought on last
week.   I had not really researched it alot but knew it could provide NMEA
output that I wanted (I don't have a cable yet for it.)   When I powered it
up, I came to a very similar impression to what Brent says above.

It doesn't even show Lat/Long!   I guess it will make a good GPS for very
portable use with a D7 (i.e. bike, etc.) otherwise.

I guess you could call it the dummy's GPS -- or something between a
display-less GPS (Tripmate, et al) and fancier ones.

73
Paul
KR4YL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

252. [htaprs] RE: User TH-D7 upgrades

From: "Greg Lin Holcomb Jr." <lholcomb@postsmart.net>
Date: Fri, 26 May 2000 20:31:24 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86707-2000.05.26-19.33.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is also likely that another country the TH-D7 is sold in prohibits the
use a flash upgrade. Remember we are not the only kids on the ham radio
block....we just represent the largest group with the same govt.

Lin N4YCI

>I've got a feeling that the reason why the radios are not user upgradeable
>is due to FCC certification issues. It could be that having a user
>upgradeable radio would be something the FCC doesn't like.

I would buy into an FCC argument IF the user could change settings that
defined how the radio operated. But as that would entail modifying the
binary image file that flash upgrades use, I find that really an unlikely
argument. Espically as users adding/removing diodes and jumpers from the
motherboard can achieve many of the same results.

If Kenwood only provided "type accepted" upgrade files, then the only user
modifiable settings allowed would be the ones available through the normal
configuration utilities or front panel programming procedures.

If someone really wanted to modify binary code, they could always get the
spec sheet of the memory drvice, figure out how to read the data out, change
it, and then load their modifications back in.

Finally, if the FCC, and thus the manufacturers, were that concerned about
user modifications why is the ability even present to allow unauthorized
transmissions (such as out-of-band mods) at all? By allowing someone to make
hardware mods to take advantage of these "hidden" abilities they are in
effect allowing it to happen anyway. It they were that concerned it
shouldn't be allowed in the first place.

Arguments that flash upgrades may add another buck to the price or otherwise
create other unacceptable design problems are much more likely arguments.

Darrell

You are currently subscribed to htaprs as: lholcomb@postsmart.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

253. [htaprs] APRS FIeld Day

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 26 May 2000 20:58:13 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86709-2000.05.26-20.01.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, APRS is legal again on FD and this year we have two APRS packet
satellites. SO I just realized we need to be thinking about how we do the
"exchange".. Last year we wrote TAPR TECH DAY to count APRS posits only
separately from 2 way exchanges. THis year we need "2-way" exchanges.
Here is my take on this.

1) Put your FD Data in your POSIT. Such as 3A MDC (3 A Maryland DC)
2) Everyone else you SEE on the air, now then you put INTO a BULLETIN
  saying:
            "BLN1FDQSL:W3XYZ,WB4APR,W4YGH,W3ABC,W4HTP,ETC
3) Now, WATCH for similar BULLETINS from everyone else. FOr every station
   that is in YOUR QSL list and YOU see YOURSELF in HIS, constitutes
   a valid two-way exchange.

The only thing we have done here is "bundle" all your QSL's into one
packet. They are still TWO-WAY QSL's of the other persons data, if you
are in his.

The reason I am thinking about this kind of standard TECHNIQUE is two
reasons... 1) FOr satellites where BUNDELING will be a far more
effecient use of the channel. and 2) We can AUTOMATE it! hi hi...

One thing is to REUSE the SAME Bulletin numbers. That is, when you first
hear someone, then add them to your Bulletin. If you use the SAME
Bulletin number, then it will REPLACE the previous one and be far more
effecient. As follows:

After 1st stn BLN1FDQSL:W3ABC

after 2nd stn BLN1FDQSL:W3ABC,W4XYZ
               BLN1FDQSL:W3ABC,W4XYZ,W3XYZ,W5HIJ
               BLN1FDQSL:W3ABC,W4XYZ,W3XYZ,W5HIJ,WB4APR,W3STL

Etc. Here the BULLETIN number is the "1" character. By including all the
QSL calls in one bulletin, you improve the chances that the other stations
copy it while minimizing QRM. Once it is full, then move onto
BULLETIN #2. Then the decaying algorithm for APRS will concentrate on the
older bulletin less and less, and place priority on the new BLN2FDQSL
bulletin.

I havent read the rules exactly, (I dont have them with me) but I think
this will satisfy everyone. Right?

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

254. [htaprs] Fri nite 2010 EDT pass

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 26 May 2000 21:01:59 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86711-2000.05.26-20.04.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This mornings passes I copied 3 people and copied TELEMETR packet that
were only one LCD segment. THis pass I got up to 5 segments and never
decoded a single packet. Was it me?

I saw what I thought was digipeated packets from me. THey seemed to be
perfectly timed to when I transmitted. And I heard many bursts other than
the 10 second Telemetry bursts, so sounds like many others were getting in
too. But were YOU seeing packets too? Or not.

If not, then I wonder if the satelltie is putting the wrong PID on the
packets. ALl normal PACSAT protocol packets have a non-standard PID and
wont be seen by any TNC unless in KISS mode.

???
de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

255. [htaprs] Re: question

From: "Jim Gill" <gillj@uswest.net>
Date: Fri, 26 May 2000 22:41:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86729-2000.05.26-22.44.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

<in response to an email sent directly to me>

>>>Hi Jim, got my TM-D700 running, using WinAPRS 2.45. When the radio is
set to TNC PKT, lots of signal locations appear on the computer screen.
When in TNC APRS, all the incoming data appears on the face of the radio but
signal locations don't appear on the computer screen. Wondering if I messed
up a command for the computer or radio....when I open the WinAPRS VHF the
screen shows a "?" and won't run. Put the radio in the TNC PKT mode and
works fine. Is this the correct setting??<<<

Yes. For the benefit of other users, I've also sent this reply to the
htaprs@tapr.org sig and Bcc'd to the original sender [you know who you
are... thanks for writing].

The two modes, Packet and APRS, are essentially mutually exclusive. If you
want to use APRS software, the TNC must be in Packet mode because the
computer must control the radio's TNC and send the packets. When in APRS
mode, the radio processes all the data internally and will not output
through the serial port in a format readable by any current APRS software.

However while in APRS mode, you can enter the command AI 1 through the

serial port (that's alpha india space one), which turns on command output.
Simply, this will make the radio spit out data about the ongoing operation
of the radio, including codes if you change memory channels, etc. In this
mode, you'll see position reports in the format that the radio stores them
in memory. That is why I said "current" APRS software... I think a cool
addition to one of the programs would be the capability to parse the data
from this output mode, so you could monitor posits on the maps and send
messages from the computer keyboard instead of the radio mic. I'm not a
programmer, but I could assist any developer wanting to understand and
decode the ASCII data formats and commands the TM-D700A outputs while in
APRS mode.

Jim N0RMO
http://www.netcom.com/~jimgill/tmd700a.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

256. [htaprs] Re: Etrex altitude data

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Fri, 26 May 2000 23:20:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86734-2000.05.26-23.22.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:44 PM 5/26/00, Brent Hildebrand wrote:

>   They certainly have improved the eMap since the first iteration.

I made an impulse buy on an eMap (actually got a very good deal) but I
chronicled it's shortcomings very well on the general APRS SIG a few months
back

Looking at their web site, I'll have to get the 2.50 update. But it's
still going to my brother as a wedding present.

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

257. [htaprs] D700 abaud command

From: "myoung" <myoung@neo.rr.com>
Date: Sat, 27 May 2000 03:12:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86769-2000.05.27-02.15.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know of its possible to change the baudrate of the D700's
com port. It seems to be fixed at 9600. The abaud commands seems
to function, but only on screen. It has no affect on the com port. Or is
there some secret reset that causes the baudrate change to take effect.

Tnx,
Mike, WB8CXO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

258. [htaprs] Re: Abaud

From: "Jim Gill" <gillj@uswest.net>
Date: Sat, 27 May 2000 02:33:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-86770-2000.05.27-02.36.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From: "myoung" <myoung@neo.rr.com>
> Do you know of a way to change the baudrate of the D700's serial port ?

Mike,

Looks like CP x will switch the communications speed between the radio's serial port and the computer. Here's a cut'n'paste from the chart on my web site...

Com Port CP 0 9600 bps (default)
CP 1 19200 bps
CP 2 38400 bps
CP 3 57600 bps

Use just   CP 1

for example to set to 19200. I just tested it and it does work. Odd, on page 4 of the TM-D700A specialized communications manual, the NOTE says: "You must not change the default (9600 bps) in Menu 1-9-5". But I was able to change from 9600 to 19200 and back with no problem. I did close and reopen the terminal connection to the radio after each speed change, and cycled power on the radio.

Jim Gill N0RMO
http://www.netcom.com/~jimgill/tmd700a.htm

----- Original Message -----
From: "myoung" <myoung@neo.rr.com>
To: <jimgill@ix.netcom.com>
Sent: Saturday, May 27, 2000 2:00 AM
Subject: Abaud

> Jim, the D700 has an abaud command. I can use it from the serial port
> when in the packet (tnc) mode but although it looks like it accepted my
> command:
> ABAUD 4800 the baudrate of the serial port stays the same.
>
> Do you know of a way to change the baudrate of the D700's serial port ?
>
> Mike, WB8CXO
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

259. [htaprs] Re: D700A commands

From: "Jim Gill" <gillj@uswest.net>
Date: Sat, 27 May 2000 02:55:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-86771-2000.05.27-02.58.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Christopher McNabb" <cmcnabb@4mcnabb.net>
> Could you please send me any info
> you have on the ASCII data formats and commands?
<for D700A>

Christopher, I am still working on more info, many people have sent me what they know so far on the D700A. Below is info relevant to all D700 users.

I first typed AI 1 at the serial port to turn on the echoing of commands and data at the port. The I typed LIST xx where xx is a number from 01 to 40. This spits out the text formatted, comma delimited data for each station. Comparing this data with what is on your D700 display would tell you what each field is for; but I am working on some more complete data for you if you need it. I strongly feel that with this LIST data, you could parse out the callsign, lat/lon, icon, and other relevant info for plotting on aprs software.

The Message data was discovered by typing AMSG xx where xx is 01 to whatever the highest message number allowed (I think 16, but I may be wrong).

Also I was able to enter a message from the serial port using terminal software by typing the following:

AMSG 00,N0RMO,test

The radio then responded with

AMSG 01,1,N0RMO,5,5,0527,0141,,test,0

to let me know this message was now in the list and queued (the second 5
indicates sends remaining). After I heard the ACK tone (morse K), I typed
AMSG 01 to see the listing for that message. The radio responds with:

AMSG 01,1,N0RMO,5,*,0527,0141,,test,0

AMSG aa,b,CALL,c,d,eeee,ffff,,text here,g

aa=message number in your radio
b=unknown for now
CALL=callsign TO
c=5 which= ?? I don't know
d=* = acked
eeee=date recd/sent
ffff=time
g=unknown for now

Write if you need more. 73
Jim N0RMO

sample radio text data pasted below (lines may run over, cut'n'paste and
restore to single line for each listing)

LIST 03,KA2FNK-2,0527,0133,6,3906000,09434501,/,_,
,,------,p000P000h..b.....wUII,000000068000
LIST 04,N0GGU-1,0527,0133,4,4011300,09509001,/,#,T,,------,Trace digi
Graham, Mo,5350--------
LIST 05,N5RIG,0527,0132,6,4126930,09629081,/,_,
,,------,p083P000h00b09623wU2K,305000055000
LIST 06,K0BOY-2,0527,0132,4,4101910,09510111,/,#,T,,------,A=001390/W-T
Trace Digi--Red,7490--------
LIST 07,N9XTN,0527,0132,4,4109700,09555701,/,I, ,,------,[IGate Up]
n9xtn@arrl.net,3183--------
LIST 08,KB0OTH,0527,0131,?,3904050,09428871, , ,
,,000000000000,.0,240300,3.6,E*65,000000------
LIST 10,WA0KDC,0527,0131,4,3950290,09533561,/,#, ,,------, Hiawatha,
Ks,5570--------
LIST 11,KA2FNK-8,0527,0130,3,3906000,09434301,/,I, ,,------, APRS Linux WX
Server ,------------
LIST
12,WB0HAC-1,0527,0129,4,3859330,09450661,/,#,T,,------,Wide-Relay-Trace.....
SRACT i,5591--------
LIST 13,N0GGU,0527,0128,6,4011150,09501541,/,_,
,,------,divers@grm.net,315004062000
AMSG 01,2,OAXSVR, WARN,!,0517,2130,,SVR mov N @35 05 S of ARLINGTON ,0
AMSG 02,2,OAXSVR, WARN,!,0517,2130,,180400z,SVRTSM,NE_C177, COUNTY ,0
AMSG 03,2,OAXSVR, WARN,!,0517,2112,,SVR mov N @65 04 SW of GRETNA ,0
AMSG 04,2,OAXSVR, WARN,!,0517,2112,,180400z,SVRTSM,NE_C055,NE_C153, &
COUNTIES ,0

etc etc

----- Original Message -----
From: "Christopher McNabb" <cmcnabb@4mcnabb.net>
To: "Jim Gill" <jimgill@ix.netcom.com>
Sent: Friday, May 26, 2000 11:24 PM
Subject: Re: [htaprs] Re: question
> Jim,
> I am thinking about writing a D700 Control program for the Palm Pilot. I
> would love to include this capability. Could you please send me any info
> you have on the ASCII data formats and commands?
>
> Thanks in advance,
> Christopher McNabb
> cmcnabb@4mcnabb.net
> KB7DAR
>
> On Fri, 26 May 2000, Jim Gill wrote:
>
> > in memory. That is why I said "current" APRS software... I think a cool
> > addition to one of the programs would be the capability to parse the
data
> > from this output mode, so you could monitor posits on the maps and send
> > messages from the computer keyboard instead of the radio mic. I'm not a

> > programmer, but I could assist any developer wanting to understand and
> > decode the ASCII data formats and commands the TM-D700A outputs while in
> > APRS mode.
> >
> > Jim N0RMO
> > http://www.netcom.com/~jimgill/tmd700a.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

260. [htaprs] Re: D700 abaud command

From: "Jim Gill" <gillj@uswest.net>
Date: Sat, 27 May 2000 03:29:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-86775-2000.05.27-03.32.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tested all the way to 57600 with TNC in APRS mode - works fine. Use the
info I sent you or Radio menu 1-9-5. Then power cycle radio, and refresh
the terminal connection to the radio.

Jim N0RMO

----- Original Message -----
From: "myoung" <myoung@neo.rr.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, May 27, 2000 2:12 AM
Subject: [htaprs] D700 abaud command
> Does anyone know of its possible to change the baudrate of the D700's
> com port. It seems to be fixed at 9600. The abaud commands seems
> to function, but only on screen. It has no affect on the com port. Or is
> there some secret reset that causes the baudrate change to take effect.
> Tnx,
> Mike, WB8CXO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

261. [htaprs] Setting path on TMD700A

From: "Jim Gill" <gillj@uswest.net>
Date: Sat, 27 May 2000 04:20:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86776-2000.05.27-04.23.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When you are mobile, it is hard to set your path in APRS mode by typing out
RELAY,WIDE,WIDE from the keypad or twisting the dial. Another way to do it
is through the serial port with a communications program by typing

PP RELAY,WIDE   or whatever you want.

A peek at the features list from the upcoming D7A(G) yields a better way to
enter paths... it says the (G) upgrade will allow you to enter R,W for
RELAY,WIDE or R,W,W etc., or W3 for WIDE3-3.

This doesn't work on the current D7A software, but it **DOES** work on the
current TMD700A software. Try it... set your D700 to APRS mode, go to menu
3-b (Packet Path), and type only W,W   -   then transmit a BCON. Your
packet will go out WIDE,WIDE!   W2 yields WIDE2-2! etc etc.

Then I wondered if I missed this in the D700 manual... yes I did. Page 24
of the specialized communications manual. It's been there all along - at
least this is a good reminder for those who may not have known you don't
have to enter the path longhand.

Jim N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

262. [htaprs] APRS and Field Day

From: John Blowsky <kb2scs@worldnet.att.net>
Date: Sat, 27 May 2000 07:19:46 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86787-2000.05.27-06.32.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All
       Unless I read the Field Day rules wrong. APRS is still not a
Legal mode for use at Field Day.
Yes APRS "contacts" that are made with out the use of digipeaters are
legal FD contacts. Nothing new here. The only change in the rules that I
saw is that you can now get 100 point bonus for setting up and operating
an
APRS station at your FD site.

> OK, APRS is legal again on FD and this year we have two APRS packet
> satellites. SO I just realized we need to be thinking about how we do the
> "exchange".. Last year we wrote TAPR TECH DAY to count APRS posits only
> separately from 2 way exchanges. THis year we need "2-way" exchanges.
> Here is my take on this.

good Ideas deleted
>
> de WB4APR, Bob
>
>

--

Let us hope we never witness the "Silence Of The Hams"
73 DE John KB2SCS
   Mail To: kb2scs@wa2pnu.#nli.ny.usa.noam
   E-Mail: kb2scs@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

263. [htaprs] Sunsat Receive Only on D700

From: "Fred Hatfield" <hatfield@bellsouth.net>
Date: Sat, 27 May 2000 7:26:42
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86791-2000.05.27-07.29.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As a 'newbie' to satellite access, I have been following
the discussions here about Sunsat. As my first project,
I wanted to copy some of the Sunsat transmissions on my
D700 and hopefully have them displayed on the P.MON screen
like the ones displayed in an earlier message from the
Hamfest.

I set receiver A for 145.825, TNC APRS, 9600 baud, DATA as
suggested by Bob Bruninga in his message of 5/25/00. Since
I was attempting receive only, I ignored the transmit functions
listed.

However, when I switch to P.MON, I get a constant reception
of: "cmd:05/15/00 03:31:18" that is repeated every 21 seconds
updating the time entry and filling up the screen and buffer
area.

I know I must be doing a massive blunder somewhere, but resetting
everything and repeatedly setting the suggested parameters
doesn't seem to make a difference -- the P.MON screen just
continues to show the "cmd:05/15/00 --:--:--" nessage over
and over.

Could anyone give me a step-by-step setting for just a
'wait and copy' configuration to get some SUNSAT data?

Thanks for any help

Fred.
Fred Hatfield k8vdu

New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

264. [htaprs] Re: APRS and Field Day

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 27 May 2000 09:50:30 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86806-2000.05.27-09.19.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

John B. wrote:

>Unless I read the Field Day rules wrong. APRS is still not a Legal mode
>for use at Field Day. APRS "contacts" that are made without the use of
>digipeaters are legal FD contacts.

     That's how I read it too, but unless I miss my guess, there is an
exception to this rule: APRS contacts via PACSATs are acceptable ... and
give both the packet and satellite bonus points. Brother, those PACSATs
are gonna be busy on FD!   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services NYC ARES/RACES|
|Riverdale, NY [FN30bu] APRS Elmer 4052.71N/07354.06WNPHG5370/A=000240|
|PGP   Key: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

265. [htaprs] Re: Sunsat Receive Only on D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 27 May 2000 10:32:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86812-2000.05.27-09.35.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

P.MON also sees ALL traffic between the internal CPU and the TNC> There
is LOTS going on. Lots of handshaking. The UNPROTO command needs to be
changed TWICE for each message packet sent, etc..

Yes, it is kinda messy. TUnr off NMEA GPS input to clean up some of it..

bob
 On Sat, 27 May 2000,
Fred Hatfield wrote:

> As a 'newbie' to satellite access, I have been following
> the discussions here about Sunsat. As my first project,
> I wanted to copy some of the Sunsat transmissions on my
> D700 and hopefully have them displayed on the P.MON screen
> like the ones displayed in an earlier message from the
> Hamfest.
>
>
> I set receiver A for 145.825, TNC APRS, 9600 baud, DATA as
> suggested by Bob Bruninga in his message of 5/25/00. Since
> I was attempting receive only, I ignored the transmit functions
> listed.
>
> However, when I switch to P.MON, I get a constant reception
> of: "cmd:05/15/00 03:31:18" that is repeated every 21 seconds
> updating the time entry and filling up the screen and buffer
> area.
>
> I know I must be doing a massive blunder somewhere, but resetting
> everything and repeatedly setting the suggested parameters
> doesn't seem to make a difference -- the P.MON screen just
> continues to show the "cmd:05/15/00 --:--:--" nessage over
> and over.
>

> Could anyone give me a step-by-step setting for just a
> 'wait and copy' configuration to get some SUNSAT data?
>
> Thanks for any help
>
> Fred.
> Fred Hatfield k8vdu
> New Orleans
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

266. [htaprs] Re: Sunsat Receive Only on D700

From: nonny <nonny@bellsouth.net>
Date: Sat, 27 May 2000 10:09:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Fred Hatfield <hatfield@bellsouth.net>,
        TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86823-2000.05.27-10.10.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

> P.MON also sees ALL traffic between the internal CPU and the TNC> There
> is LOTS going on. Lots of handshaking. The UNPROTO command needs to be
> changed TWICE for each message packet sent, etc..
>
> Yes, it is kinda messy. TUnr off NMEA GPS input to clean up some of it..
>
> bob

I don't have the GPS input turned on. If the "cmd:mm/dd/yy hh-mm-ss" message

is constantly filling up the buffer and screen before the satellite even
shows up,
how can I copy SUNSAT data?

Oh well, I guess I'm learning. Thanks for the help.

Fred.
Fred Hatfield k8vdu
New Orleans

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

267. [htaprs] Re: APRS and Field Day

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 27 May 2000 14:31:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86854-2000.05.27-14.34.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A few years ago I had an e-mail exchange with Billy Lunt, the contest
manager at the ARRL. Unfortunately, he did not interpret the rules the
same as I had interpreted them in plain english. It was very clear that
the digital repeater rule was waved for satellites. His interpretation
was that the wavier only applied to the 100 bonus points and nothing
more. It is still not real clear in the rules for Field Day in the year
2000
since they are still using the terminology for contacts as QSOs. Since

a digital contact can be deemed a QSO it appears there should be no
reason for digital contacts to fall within these rules.

If you read the ARRL Field Day rules and then read the "General Rules
for All ARRL Contests: you will find that in the latter it is permissable to
use Amateur Satellites as repeaters and digital repeaters as identified
in section 3.7.2 of the General Rules.

<snip>
3.7 Contacts made through repeaters, digipeaters, or gateways are not
permitted.

    3.7.1 This applies to all forms of active relays or repeaters.
    3.7.2 Satellite contacts, where allowed, are not subject to this rule.
<snip>

And in the ARRL Field Day rules for 2000 the following is stated:

<snip>
7.3.7. Satellite QSO: 100 bonus points for successfully completing at least
one QSO via an amateur radio satellite during the Field Day period. Under
the "General Rules for All ARRL Contests" (rule 3.7.2.), the no-repeater QSO
stipulation is waived for satellite QSOs. Groups are allowed one dedicated
satellite transmitter station without increasing their entry category.
Satellite QSOs also count for regular QSO credit. Show them listed
separately on the summary sheet as a separate "band."
<snip>

Here is an e-mail comment direct from the ARRL contest manager in 1998:

>-----Original Message-----
>From: Lunt, Billy, KR1R <blunt@arrl.org>
>To: Tim Cunningham <cunninghamt@usa.net>
>Date: Friday, June 26, 1998 11:21 AM
>Subject: RE: Field Day Rule clarification request
>
>
>
>You can not use a satellite for packet contacts (digital mode), but yes
>you can use packet for your satellite bonus points contacts.
>
>73,
>Billy Lunt, KR1R
>Contest Manager, ARRL
>kr1r@arrl.org
>

I was shocked. After a few follow-up emails with supporting documentation
to support what I beleived, Mr. Lunt decided to stop any correspondence
on the issue. I think the real reason he decided to stop corresponding on
the topic was my point was very clear.

Our club has never used the digital contacts in counting our total Field
Day points, because the ARRL contest manager in the past has
contended they could not be counted. The rules are very clear to me
and I never understood why the ARRL told us our digital contacts via
the satellite would not count toward point credit in the past.

I will once again attempt to have this ruling clarified this year to see if
they have changed their stance on the issue.

73's

Tim - N8DEU
Huntsville, Alabama

>Hi All

>   Unless I read the Field Day rules wrong. APRS is still not a
>Legal mode for use at Field Day.
>Yes APRS "contacts" that are made with out the use of digipeaters are
>legal FD contacts. Nothing new here. The only change in the rules that I
>saw is that you can now get 100 point bonus for setting up and operating
>an
>APRS station at your FD site.
>
>
>> OK, APRS is legal again on FD and this year we have two APRS packet
>> satellites. SO I just realized we need to be thinking about how we do
the
>> "exchange".. Last year we wrote TAPR TECH DAY to count APRS posits only
>> separately from 2 way exchanges. THis year we need "2-way" exchanges.
>> Here is my take on this.
>
>good Ideas deleted
>>
>> de WB4APR, Bob
>>
>>
>
>--
>
>Let us hope we never witness the "Silence Of The Hams"
>73 DE John KB2SCS
>   Mail To: kb2scs@wa2pnu.#nli.ny.usa.noam
>   E-Mail: kb2scs@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

268. [htaprs] Re: APRS and Field Day

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 27 May 2000 15:58:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86866-2000.05.27-16.01.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After reading things a little closer in the 2000 ARRL Field Day
Satellite Bonus point section, I did find a hint that digipeater
operation may be the target of exclusion on the satellites, but
I will await clarification from the ARRL on this matter.

If you read the Satellite Bonus section in the 2000 ARRL
Field Day Rules, you will find the following sentence:

<snip>
Under the "General Rules for All ARRL Contests" (rule 3.7.2.),
the no-repeater QSO stipulation is waived for satellite QSOs.
<snip>

They have specifically stated the no-repeater stipulation in the
2000 ARRL General Rules for all contests, but made no specific
mention to waive digipeater or gateway operation as also
covered under rules 3.7 and 3.7.2 as being waived for satellite
operation.

There are 2 types of satellites that can be used in digital
operation. One type is specifically a digipeater, but if a
satellite used in repeater operation is used for a digital
contact, then this type of operation would be allowable under
the current ARRL Field Day rules.

I sent a note to the contest manager for clarification and will
update everybody on the response.

73's

Tim - N8DEU
Huntsville, Alabama

-----Original Message-----
From: Tim Cunningham <tim_cunningham@mindspring.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Saturday, May 27, 2000 2:32 PM
Subject: [htaprs] Re: APRS and Field Day

>
>A few years ago I had an e-mail exchange with Billy Lunt, the contest
>manager at the ARRL. Unfortunately, he did not interpret the rules the
>same as I had interpreted them in plain english. It was very clear that
>the digital repeater rule was waved for satellites. His interpretation
>was that the wavier only applied to the 100 bonus points and nothing
>more. It is still not real clear in the rules for Field Day in the year
>2000
>since they are still using the terminology for contacts as QSOs. Since
>a digital contact can be deemed a QSO it appears there should be no
>reason for digital contacts to fall within these rules.
>
>If you read the ARRL Field Day rules and then read the "General Rules
>for All ARRL Contests: you will find that in the latter it is permissable
to
>use Amateur Satellites as repeaters and digital repeaters as identified
>in section 3.7.2 of the General Rules.
>
><snip>
>3.7 Contacts made through repeaters, digipeaters, or gateways are not
>permitted.
>
>   3.7.1 This applies to all forms of active relays or repeaters.
>   3.7.2 Satellite contacts, where allowed, are not subject to this rule.
><snip>
>
>
>And in the ARRL Field Day rules for 2000 the following is stated:
>
><snip>
>7.3.7. Satellite QSO: 100 bonus points for successfully completing at least
>one QSO via an amateur radio satellite during the Field Day period. Under
>the "General Rules for All ARRL Contests" (rule 3.7.2.), the no-repeater
QSO
>stipulation is waived for satellite QSOs. Groups are allowed one dedicated
>satellite transmitter station without increasing their entry category.
>Satellite QSOs also count for regular QSO credit. Show them listed
>separately on the summary sheet as a separate "band."
><snip>
>
>
>Here is an e-mail comment direct from the ARRL contest manager in 1998:
>
>
>>-----Original Message-----
>>From: Lunt, Billy, KR1R <blunt@arrl.org>
>>To: Tim Cunningham <cunninghamt@usa.net>
>>Date: Friday, June 26, 1998 11:21 AM
>>Subject: RE: Field Day Rule clarification request
>>
>>
>>
>>You can not use a satellite for packet contacts (digital mode), but yes
>>you can use packet for your satellite bonus points contacts.
>>
>>73,
>>Billy Lunt, KR1R
>>Contest Manager, ARRL
>>kr1r@arrl.org
>>
>
>I was shocked. After a few follow-up emails with supporting documentation
>to support what I beleived, Mr. Lunt decided to stop any correspondence
>on the issue. I think the real reason he decided to stop corresponding on
>the topic was my point was very clear.
>
>Our club has never used the digital contacts in counting our total Field
>Day points, because the ARRL contest manager in the past has
>contended they could not be counted. The rules are very clear to me
>and I never understood why the ARRL told us our digital contacts via
>the satellite would not count toward point credit in the past.
>

>I will once again attempt to have this ruling clarified this year to see if
>they have changed their stance on the issue.
>
>
>
>73's
>
>Tim - N8DEU
>Huntsville, Alabama
>
>
>
>
>
>
>
>
>
>>Hi All
>>   Unless I read the Field Day rules wrong. APRS is still not a
>>Legal mode for use at Field Day.
>>Yes APRS "contacts" that are made with out the use of digipeaters are
>>legal FD contacts. Nothing new here. The only change in the rules that I
>>saw is that you can now get 100 point bonus for setting up and operating
>>an
>>APRS station at your FD site.
>>
>>
>>> OK, APRS is legal again on FD and this year we have two APRS packet
>>> satellites. SO I just realized we need to be thinking about how we do
>the
>>> "exchange".. Last year we wrote TAPR TECH DAY to count APRS posits only
>>> separately from 2 way exchanges. THis year we need "2-way" exchanges.
>>> Here is my take on this.
>>
>>good Ideas deleted
>>>
>>> de WB4APR, Bob
>>>
>>>
>>
>>--
>>
>>Let us hope we never witness the "Silence Of The Hams"
>>73 DE John KB2SCS
>>   Mail To: kb2scs@wa2pnu.#nli.ny.usa.noam
>>   E-Mail: kb2scs@arrl.net
>
>
>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

269. [htaprs] Fwd: Re: D-7A Upgrade

From: G7GUO@aol.com
Date: Sat, 27 May 2000 20:06:32 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86892-2000.05.27-19.09.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 27/05/2000 23:57:25 GMT Daylight Time, G7GUO writes:

<< Does anyone know if this upgrade might be possible here in the UK? I am
not too keen on sending my TH-D7E to USA for upgrade.

 73, Simon g7guo >>

270. [htaprs] TH-D7(G)

From: "Sam E. Stimson" <n5wu@worldnet.att.net>
Date: Sat, 27 May 2000 21:41:20
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86948-2000.05.27-21.43.50--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I got the upgrade to my TH-D7 at Dayton. Now when I try and interface with
WINAprs or anyother of the tracking programs, the TNC doesn't seem to be
recognized. Do I need to change the set up or wait for a upgrade to the
APRS software. Anyone know?

Sam
N5WU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

271. [htaprs] Re: APRS and Field Day

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 00:05:06 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86956-2000.05.27-23.07.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 27 May 2000, Tim Cunningham wrote:

> >From: Lunt, Billy, KR1R <blunt@arrl.org>
> >
> >You can not use a satellite for packet contacts (digital mode), but yes
> >you can use packet for your satellite bonus points contacts.
>
> I was shocked.

I guess I could see his point. Prior to APRS, the PACSATS in general
offered NO WAY to have a LIVE QSO. I can see how
message-store-and-forward did not fit into his concept for an "exchange".
BUT NOW, we can have LIVE 2-way digital QSO's with APRS, and so I agree
with you. THey should COUNT.

What I want to do is put our "APRS way of "multicasting" into a 2-way
context that is on "par" with other field day contacts and that allows us
to "talk" aobout our communications "success" in terms comparable to the
other modes at FD.

Whether the "contesters" at ARRL actually use them for "score" is their
problem. I do want bragging rights to all QSO's I make via satellite! hi
hi..

> I will once again attempt to have this ruling clarified this year to see if
> they have changed their stance on the issue.

Be sure to point out the "live" nature of 2-way UI packet digital
contacts...

Go get em!
Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

272. [htaprs] Re: TH-D7(G)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 00:20:43 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-86959-2000.05.27-23.23.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 27 May 2000, Sam E. Stimson wrote:

> I got the upgrade to my TH-D7 at Dayton. Now when I try and interface with
> WINAprs or anyother of the tracking programs, the TNC doesn't seem to be
> recognized. Do I need to change the set up or wait for a upgrade to the
> APRS software. Anyone know?

I paniced when I tried APRStk and it would lock up the radio when it
ttried to autotune the radio to a satelite pass. But then I found out
that since the D7 can now do crossband TNC, that there are now 4 settings

for "APRS" band and 4 settings for PACKET BAND, and so you have 8 possible
ways to have it in the wrong mode. That was my problem. I had the TNC On
band A and the software was trying to control band B... and I had it in
single BAND nmode only.

Once I figured that out, it worked fine.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

273. [htaprs] THD7's via satellites.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 00:36:04 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-86964-2000.05.27-23.39.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Even if you dont have an upgraded D7(G), ANY THD7 can be used with a
laptop to receive the digital satellites. SO dont wait for the
conversion if you want to play now.

With the old THD7, just connect the laptop, put the D7 in PACKET Mode and
with the PC, set the HB command to 9600 baud. YOu should have no problem
receiving the downlink from SUNSAT on 145.825 on a whip antenna in the
clear.

ALso, you can receive any of the other 9600 baud birds on UHF with a
small 3 element or more handheld beam. But you might find UO22 on 435.120
+/- 10 KHz doppler the most interesting since it also allows UI
APRS type UI digipeating. THis is an unpublished and un-announced
test... so keep it to this sig only. Thanks.

details on http://web.usna.navy.mil/~bruninga/astars.html

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

274. [htaprs] Re: TH-D7(G)

From: "Sam Stimson" <n5wu@worldnet.att.net>
Date: Sun, 28 May 2000 08:54:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87031-2000.05.28-08.56.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well stupid me. My problem was that I has the radio in APRS mode instead of
Packet mode. Once I changed that, everything works nicely. Thnaks for the
tip... Sam

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: Sam E. Stimson <n5wu@worldnet.att.net>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Saturday, May 27, 2000 11:20 PM
Subject: Re: [htaprs] TH-D7(G)

> On Sat, 27 May 2000, Sam E. Stimson wrote:
>
> > I got the upgrade to my TH-D7 at Dayton. Now when I try and interface
with
> > WINAprs or anyother of the tracking programs, the TNC doesn't seem to be
> > recognized. Do I need to change the set up or wait for a upgrade to the
> > APRS software. Anyone know?
>
> I paniced when I tried APRStk and it would lock up the radio when it
> ttried to autotune the radio to a satelite pass. But then I found out
> that since the D7 can now do crossband TNC, that there are now 4 settings
> for "APRS" band and 4 settings for PACKET BAND, and so you have 8 possible

> ways to have it in the wrong mode. That was my problem. I had the TNC On
> band A and the software was trying to control band B... and I had it in
> single BAND nmode only.
>
> Once I figured that out, it worked fine.
>
> de WB4APR, Bob
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

275. [htaprs] SUNSAT

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 28 May 2000 09:42:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87038-2000.05.28-09.45.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have tried to digipeat via Sunsat SO-35 with no luck.
There must be something in my settings or transmit
frequency causing the disconnect. The downlink is
going through the Satellite Gateway on this end with no
trouble.

Perhaps, there is something missing in this recipe
for my uplink
.

This is what I am using:

Up: 436.291
Dwn: 145.825
+/- Doppler on the uplink and downlink is used.

Unproto: APRS via SUNSAT

Maybe I should be using APRSAT-0.

I have attached a log from the last pass this morning,
28-MAY-00 at 14:01 UTC.

For those who have been successful what are your
settings for the transmit side of your operation?

73's,

Tim - N8DEU
Huntsville, Alabama
[Attachment: TNC.txt; text/plain; 5,987 bytes]

276. [htaprs] Fw: this may be why some web pages seem to load so slowly

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Sun, 28 May 2000 10:59:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87041-2000.05.28-10.00.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is awesome ...

----- Original Message -----
From: "tooslow"
Sent: Sunday, May 28, 2000 8:52 AM
Subject: this may be why some web pages seem to load so slowly

> bloody amazing!
>
> http://152.78.65.48:2300/
>
> slo
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

277. [htaprs] Working SUNSAT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 11:56:16 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87044-2000.05.28-10.59.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To work SUNSAT, "you dont need no stinkin tracking program!"

SUNSAT's orbit is just a circle going up over the poles that is fixed in space. Due to the rotation of the earth, your QTH will pass under that orbit twice a day, once in the morning and once in the evening at exactly the same time every day around 8:20 AM/PM Daylight Savings Time in EVERY time zone. (Since time zones are 1 hour wide, this time can be off as much as 30 minutes depending on where you live in your zone.)

Problem is, we dont know where the satellite is in its 1.6 hour orbit. Think of yourself traveling east down the interstate at 60 MPH (earths rotation) towards a high overpass (orbit) that you will pass under at 8:20 AM/PM every day. The train (satellite) runs every 95 minutes, but you dont know WHEN. Your radio range to that train is about 2 hours due to curvature of the earth.

Depending on the timing, you will get either 2 or 3 opportunities to work the train. If it happens to pass over at 820 at exactly the same time as you pass under, then you will get an "overhead" pass and also an early LOW pass at 0645 and a late LOW pass at 0955. The train is traveling VERY fast, and so when it passes over, you can only work it for 10 minutes no matter where you are.

Knowing this 8:20 orbit time, it is simple to work the train:

1) Just leave your radio on from 7 to 10 AM and PM every day and work it when you hear it.

2) If you hear it real early, then it is to the east of you and you will get a great overhead pass in 1 hr and 35 mins and maybe a low western pass in 3 hours and 10 min also.

3) If you dont hear it till later say between 730 and 8, then this is a high eastern pass and you will get only one more high western pass in 1 hour and 35 minuites.

Now, since your D700 radio will time stamp packets, just leave the radio on overnight in your car on 145.825, 9600 baud APRS. If you are a late commuter like me, if there was an earlier pass, then you know exactly when the next pass will be. If there was not an earlier pass, then you will probably get one in the next few minutes...

One other thing. The SUNSAT team schedules the bird for a single VOICE pass in the evenings on the orbit that is closest to the CENTRAL USA so everyone can work it at one time. These passes are posted daily. So add or subtract 95 mins to konw when you can work it with APRS in the evenings.

CAVEAT: These are approximations. I am at home and don't have any current keps or tools to get the exact times and period, but this should be close enough. ALso, the 8:20 passing can change over the year depending on whether it is sunsynchronous or not. We can refine this model to be more precise if needed.

ALSO, UO22 which can also be used for APRS digipeating on an unofficial un-announced basis, has a pass time of 8:30! Yes, their orbits are 10 minutes apart in space relative to the sun, but where the sats are relative to each other at any point in time can be as much as 45 minutes apart. These days, they are about 40 minutes apart I think.

One other thing... since it is NORTH bound in the morning and SOUTH bound in the evening, you can even estimate which way to point your antenna if you are using a handheld beam, simply depending on what time it is relative to 8:20.

Plenty of things to keep you entertained during your morning commute or
evening prime-time play time.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

278. [htaprs] Re: THD7's via satellites.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 12:09:06 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@lists.tapr.org
Message-ID: <LYR845-87050-2000.05.28-11.12.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 27 May 2000, Jim Duncan wrote:

> Bob:
> In APRSTK it says 145.825 up and 436.250 down for SUNSAT data but what I
> read in this message seems to indicate 436 up/145 down. Which is
> correct?

The first few tests we did with SUNSAT were in that mode. Now they have
decided to poperate with the stroner 2 meter DONWLINK so that everyone can
hear the satellite. SO edit the SATFREQS.SYS file in the APRS\SYSTEM
directory.

But *dont* set APRStk to auto-tune SUNSAT. Current versions of APRStk
will set the 2 meter downlink to 1200 baud and you will miss everything.
THis is why I am madly working on APRStk to change it all around...

but no prognosis in sight for a week or so...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

279. [htaprs] Re: SUNSAT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 12:18:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87052-2000.05.28-11.20.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have tried to digipeat via Sunsat SO-35 with no luck.
> This is what I am using:
>
> Up: 436.291
> Dwn: 145.825
> +/- Doppler on the uplink and downlink is used.

I woiuld say this as "-/+" doppler not "+/-" doppler. For the uplink, you
need to tune LOW to start with and HIGH at the end. This is opposit from
what you tune the DONWLINK. Im sure you are doing this correctly, but
sometimes we overlook the obvious?

Otherwise, ti should work... via "SUNSAT" or "APRSAT"

Bob
[Attachment: TNC.txt; text/plain; 5,987 bytes]

280. [htaprs] Re: Working SUNSAT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 13:26:19 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87059-2000.05.28-12.28.52--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

aOn Sun, 28 May 2000, Bob Bruninga wrote:

> One other thing. The SUNSAT team schedules the bird for a single
> VOICE pass in the evenings on the orbit that is closest to the
> CENTRAL USA so everyone can work it at one time.

ALso explains why the VOICE pass is our LAST pass on the east coast and
the FIRST pass for those guys on the west coast every night...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

281. [htaprs] Re: Working SUNSAT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 15:39:38 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-87076-2000.05.28-14.42.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TOnight this pass will be at 2105 CDT over the central usa. Add or
subtract 1 hr 35 mins or 3 hrs 10 mins for the other passes. Bob

> > One other thing. The SUNSAT team schedules the bird for a single
> > VOICE pass in the evenings on the orbit that is closest to the
> > CENTRAL USA so everyone can work it at one time.
>
> ALso explains why the VOICE pass is our LAST pass on the east coast and
> the FIRST pass for those guys on the west coast every night...
>
> bob
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

282. [htaprs] help

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Sun, 28 May 2000 22:38:47 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87088-2000.05.28-15.46.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

Some time back some kind person sent me details on how to get rid of the KAK worm virus. DON'T PANIC I
don't have it ! Well I have another PC that has it on and I can not seem to find the info that was sent
to me. The stuff I have found on the web has not been to useful as it is still there.

Could that kind person resend the info to me. I only have a few days before it kill the PC and takes my
network down. Norton's anti-virus does not kill it very well as I have this on the main server and it
detects it but does not kill it in its trakes.

Many thanks

Peter
ZR5DWC

283. [htaprs] WinAPRS maps

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Sun, 28 May 2000 22:42:49 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87089-2000.05.28-15.46.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

Some one made some very nice maps for Southern Africa for win/Mac APRS. The maps I am referring to are the southafr.zip maps on the ftp site. The only prob with them is they do not cover the only part in South Africa that APRS is taken place. Namely Johannesburg to Durban in Natal. They are quite nice and I would like to get one for this area. Could some one make them up for me or point me in the right direction to have them made up.

Many thanks

Peter
ZR5DWC

284. [htaprs] Re: [aprssat] RE: Sunsat Passes???

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 May 2000 22:53:34 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-87131-2000.05.28-21.56.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SOmeone asked:
> >
> > Would it be possible for somebody to post the daily passes
> > for SUNSAT to this list??? I've got the D700A all setup, just
> > waiting for the window of opportunity....

All you need is someone in your local area running APRStk on an old DOS machine with a TNC. APRStk will transmit to your local LAN on 144.39 two things:

1) Once every 10 minutes, it will sendout a DX spot to your D700, THD7 or APRS software DX list, a schedule of all satellites that will be in view in the next 80 minutes.

2) WHen a satellite comes into view, it will transmit that satellite as a moving object that will show up on everyones screens. COmplete with the frequency and doppler! Also the Kenwoods will then display to the user the RANGE and DIRECTION to the satellite. When it gets within 1000 miles, they can work it.

Thus anyone monitoring 144.39 has all the info he ever needs to work any of the 7 satellites workable with a dual band mobile.

See http//web.usna.navy.mil/~bruninga/astars.html

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

285. [htaprs] PG-4w cable for D7A

From: Norm Kluever <norm.kluever@worldnet.att.net>
Date: Sun, 28 May 2000 22:02:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87133-2000.05.28-22.05.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there an alternate place to get one of these cables instead of at KNWD?
Or can it be a home brew made cable?
thanks

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

286. [htaprs] Re: PG-4w cable for D7A

From: Jack Chomley <chomley@telelink.com.au>
Date: Mon, 29 May 2000 19:35:06 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87163-2000.05.29-04.20.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:02 PM 5/28/2000 -0500, you wrote:
>Is there an alternate place to get one of these cables instead of at KNWD?
>Or can it be a home brew made cable?
>thanks
>
I made one and it works OK, but I think I will
still buy the genuine cable....just to get the
CD with all the extra info on it.

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

287. [htaprs] Re: PG-4w cable for D7A

From: John W Wilson <z004391b@bc.seflin.org>
Date: Mon, 29 May 2000 08:02:21 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87178-2000.05.29-07.04.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have found that the diameter of the 3/32" plug is critical on the
TH-D7A. I have a couple that don't make contact unless you twist the
plug just right and then don't breathe on it. The supplied Kenwood plug
works just fine.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 28 May 2000, Norm Kluever wrote:

> Is there an alternate place to get one of these cables instead of at KNWD?
> Or can it be a home brew made cable?
> thanks
>
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

288. [htaprs] Re: PG-4w cable for D7A

From: "James Van Houten" <james@vanhouten.com>
Date: Mon, 29 May 2000 11:06:12 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87201-2000.05.29-10.08.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can tell you that the Kenwood cable is worth the extra bucks. I used a
db9 to db9 null modem adapter from Radio Shack and pluged it right into my
Garmin data cable and all works great.

--Jim
KA3TTU@arrl.net
----- Original Message -----
From: "John W Wilson" <z004391b@bc.seflin.org>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, May 29, 2000 8:02 AM
Subject: [htaprs] Re: PG-4w cable for D7A

> I have found that the diameter of the 3/32" plug is critical on the
> TH-D7A. I have a couple that don't make contact unless you twist the
> plug just right and then don't breathe on it. The supplied Kenwood plug
> works just fine.
>
>
> John W. Wilson, KN4HX
> z004391b@bcfreenet.seflin.lib.fl.us
>
>
> On Sun, 28 May 2000, Norm Kluever wrote:
>
> > Is there an alternate place to get one of these cables instead of at
KNWD?
> > Or can it be a home brew made cable?
> > thanks
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: kn4hx@amsat.org
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: james@vanhouten.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

289. [htaprs] Re: PG-4w cable for D7A

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Mon, 29 May 2000 17:23:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87255-2000.05.29-16.27.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I make and sell the following cable:

        Garmin to Kenwood D7 or D700.

This cable comes in a couple of flavors:

        Garmin connector with 2 3' cables coming out
        one to the radio and one to POWER
        This is my STANDARD cable
        $25

        Garmin connector to just the D7/D700 connector
        Normal length 3', but can be up to 6' long
        $20

I am trying to find Cigarette plugs at a good price so I can sell the
power cable with plug already installed. If I get these, they will be
$30 with the plug.

If any one wants any, I will have some more to ship out this week.
(I sold all I had at Dayton, and had to re-order supplies)

Keith Sproul
Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

290. [htaprs] dayton

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 29 May 2000 14:39:30 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87262-2000.05.29-16.40.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

it was great to meet you hams at Dayton, and I registered my winaprs
software and it has made my ham APRs life a lot better

yes,   144.39 was back to back rf and packets.

there were so many collisions, thought my radio was not working since I
could not get in!

for sure going back next year.

I think I might bring a cow with me since some ham had a lamp with ATV and
another ham had a dog with tracking

73 from Las Vegas
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

291. [htaprs] Re: dayton

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 29 May 2000 16:25:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87263-2000.05.29-16.44.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

>I think I might bring a cow with me since some ham had a lamp with ATV and
>another ham had a dog with tracking

You missed the ATV goat?

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOTL8d4FlGDz1l6VWEQKFDwCffFiCQm4nqv1urdO8z+VI3BU07KYAoJh/
KB0Cb45S9/IlY7brzlX1keGk
=CTfa
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

292. [htaprs] previous dayton post

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 29 May 2000 14:50:10 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87266-2000.05.29-16.50.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey...that was a goat not a lamp..typo error   duh

i would not mind having one of those old eng trucks with the mast for aprs
in the desert here in nevada

i liked the hams that were selling 807's at cost that was a real public
ham service

thats how you get typo errors too many 807's

73

find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

293. [htaprs] Re: WinAPRS maps

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Mon, 29 May 2000 17:51:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, Mark Sproul <msproul@apmail.ap.org>
Message-ID: <LYR845-87267-2000.05.29-16.55.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will make sure we get the rest of the South Africa maps up there soon..

Keith

>Hi
>
>Some one made some very nice maps for Southern Africa for win/Mac
>APRS. The maps I am referring to are the southafr.zip maps on the
>ftp site. The only prob with them is they do not cover the only part
>in South Africa that APRS is taken place. Namely Johannesburg to
>Durban in Natal. They are quite nice and I would like to get one for
>this area. Could some one make them up for me or point me in the
>right direction to have them made up.
>
>Many thanks
>
>Peter
>ZR5DWC
>

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

294. [htaprs] Re: PG-4w cable for D7A

From: Jack Chomley <chomley@telelink.com.au>
Date: Tue, 30 May 2000 08:11:59 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87269-2000.05.29-17.08.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:23 PM 5/29/2000 -0400, Keith wrote:
Snip>
>I am trying to find Cigarette plugs at a good price so I can sell the
>power cable with plug already installed. If I get these, they will be
>$30 with the plug.

Keith,

Don't use a cheap and nasty plug.....better to pay
a little more and have a reliable plug :-)
Incidently, do you use right angle plugs for the
radio end?

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

295. [htaprs] over at los angeles lax

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 29 May 2000 16:12:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87276-2000.05.29-18.13.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HEADING BACK TO LAS VEGAS RUNNINING

APRS GPS MAGELLAN AND THD-7

ITS NOW 4 12 PM MONDAY IN CASE YOU WANT TO CHECK FINDU.COM KD8S-7

find me on a map! go to http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

296. [htaprs] 415PM MONDAY MAY 29

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 29 May 2000 16:16:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87277-2000.05.29-18.16.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SOMEONE LET ME KNOW VIA E MAIL IF THIS WORKS

i am on cell phone in los angeles linking back to las vegas to my home pc back to skylink with gps . let me know if it shows up on los angles of vegas digi. the vegas digi gets me off my home pc in vegas via my tnc to the vegas digi

la i am not getting packet return not sure

kd8s@skylink.net

find me on a map! go to http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

297. [htaprs] no find u

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 29 May 2000 16:20:24 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87278-2000.05.29-18.20.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

dont see me via a cell link in lax via vega digi or la digi.

is find u down?

won't know for sure about vegas digi until i get home

find me on a map! go to http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

298. [htaprs] Re: 415PM MONDAY MAY 29

From: Greg Noneman <greg@clubnet.net>
Date: Mon, 29 May 2000 16:43:15 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87280-2000.05.29-18.46.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are not showing up in the local LA area network. What are you using
for a digipeating path? The LA area digis do not respond to RELAY only
to WIDEn-N and TRACEn-N.

Greg
WB6ZSU

>SOMEONE LET ME KNOW VIA E MAIL IF THIS WORKS
>
>
>i am on cell phone in los angeles linking back to las vegas to my home
>pc back to skylink with gps . let me know if it shows up on los angles of
>vegas digi. the vegas digi gets me off my home pc in vegas via my tnc to
>the vegas digi
>
>
>la i am not getting packet return not sure
>
>kd8s+AEA-skylink.net
>
>
>find me on a map+ACE-   go to   http://map.aprs.net/kd8s-7
>
>
>
>---
>You are currently subscribed to htaprs as: GREG@CLUBNET.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

299. [htaprs] Dayton

From: "Eric A. Cottrell" <eac@shore.net>
Date: Mon, 29 May 2000 18:48:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87281-2000.05.29-18.50.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

Well Dayton was fun. First time I drove out and it was fun having the D700
along in the car. Wall-to-Wall packets. I think my TX time was 5 minutes
in the mobile with the status 1/2 the time. I normally run TX times of
3 or 5 minutes around Boston and wonder if that is okay. I got a good test
of my new Arrow antenna at the APRS pizza bash.

I setup a station at my hotel with the D7. I had problems with the batteries
going away. I did get enough to see all these stations moving around. If
people want copies of the raw logs email me and I will zip them up. Are there
any post-processing programs to remove dupes, etc???

I will be more prepared for next time as I got a suction cup antenna mount with
an antenna so the Radio can reach the power supply. I also need to get a better
power supply as high power caused TNC resets (Low Power OK). My room was
facing away from N8APR so I needed to careful put my antenna into a hot spot.

Of course I forgot my PG-4W cable so I needed to jury rig something. Fortunely
I had a sub-mini stereo jack to DB-9 adapter so I just needed s 3.5mm to 2.5mm
adapter, a stereo mini to stereo mini cable, and a couple of data line filters.

After my trip down to NYC on the train with the old Garmin connector cable
(Garmin Plug to DB-9 with a cigarette lighter plug cable) I decided to redo
the plug and be modular. The garmin cable now has a Stereo Sub-mini plug and
a 5.1/2.5?mm (big) inline coaxial power jack. I can plug into the Mic-E
directly, into the D700A or D7 with a 3.5mm to 2.5mm stereo adapter, or the
laptop with the previously mentioned 3.5mm to DB9 cable. I got a coiled cord
designed for a radar detector for the power. Amazingly the big coaxial plugs
and jacks do not slip apart under normal use. So now if I take the garmin
on another train trip I can pack the power cord away. The next thing is a
"splitter" so the GPS can feed both the D700A and the D7A while in the car.

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

300. [htaprs] more dayton from las vegas

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 29 May 2000 17:28:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87284-2000.05.29-19.29.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

well is was cool in Dayton

I mean the weather

we found a neat restaurant out of the city....it was the "hogs head" or
boars head.....I am sure it was not the hams head but I look forward to
going back there next time. we had a group of about 15 hams

we should require GPS to get there.

I think we should find a restaurant and not list the name but give GPS
coordinates only to get there....

I stayed with another ham at the airport area hotel....

we really had a great weekend with the hamvention..I had the th-d7 the
Magellan GPS and   a 5/8 wave mag mount.

the aiport in both directions checked my baggage.

told the checker in Vegas the antenna element was a fishing pole and be
believed it. the supervisor who is a member of the local radio club
recognized me,   well....he know it was not a fishing pole.   it was a good
laugh.

the security in Columbus Ohio inspected my bag after Dayton....they took
apart my Magellan adapter box and the cigarette lighter plug. I had my
thd-7 and the th-d7 wrapped in dirty clothes......the 5/8 wave
antenna......they did not believe that it was an antenna because I had if
flexed in the carry 0n bag.
the security person had me power up the Th-d7 and it spit out the
coordinates. he was a x military guy and it really got his attention. when
the Magellan booted up he got real excited.

I said"is the is the first time you had ever seen GPS in baggage?"

oh well he was not amused

the pilot of the another flight   aircraft happened by and he knew it was a
Larsen mag mount.

he had just returned form the hamvention.

bad news is he was flying to new jersey.

on the way back to Las Vegas, I plugged my own headsets into the armrest to
tune around way before the movie started.. a passenger 4 rows over said
"what are you listentin to?"

I said trying to work DX!

he knew what dx was and had been inactive in ham radio for over 10 years.
we talked all the way back to Las Vegas.

told him all about repeaters and APRs and packet.

gave him my phone number at the TV station in Las Vegas soon as he gets a
rig.

that was a short 2,000 mile trip.

never can tell where you will find those ham radio operators

find me on a map! go to http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

301. [htaprs] Re: PG-4w cable for D7A

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Mon, 29 May 2000 21:13:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87292-2000.05.29-20.20.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "James Van Houten" <james@vanhouten.com>
Sent: Monday, May 29, 2000 11:06 AM

> I can tell you that the Kenwood cable is worth the extra bucks. I
used a
> db9 to db9 null modem adapter from Radio Shack and pluged it right
into my
> Garmin data cable and all works great.
> KA3TTU@arrl.net

 You can make the cable with a $3.96 cable from Mouser and abput
$2.00 worth of DB-9 and shell from Rat Shack ... maybe another $3.00
for a snap on ferr"John W Wilson" <z004391b@bc.seflin.org>
ite core if you want to go really first cabin.

 The stereo plug is 2.5mm which is larger than 3/32's (2.38 mm).

> ----- Original Message -----
> From: > Sent: Monday, May 29, 2000 8:02 AM
>
> > I have found that the diameter of the 3/32" plug is critical on
the
> > TH-D7A. I have a couple that don't make contact unless you twist
the
> > plug just right and then don't breathe on it. The supplied
Kenwood plug
> > works just fine.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

302. [htaprs] Re: PG-4w cable for D7A

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Mon, 29 May 2000 21:20:00 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87294-2000.05.29-20.20.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "James Van Houten" <james@vanhouten.com>
Sent: Monday, May 29, 2000 11:06 AM

> I can tell you that the Kenwood cable is worth the extra bucks. I
> used a db9 to db9 null modem adapter from Radio Shack and pluged
> it right into my Garmin data cable and all works great.
> KA3TTU@arrl.net

 Not trying to be a smartass here but ... big deal! You can do that
with any cable, hell you can make separate cable that doesn't need a
null modem for less than Rat Shack sells the null modem adapter. You
can make the cable with a $3.96 cable from Mouser and about $2.00
worth of DB-9 and shell from Rat Shack ... maybe another $3.00 for a
snap on ferrite core if you want to go really first cabin.

 The stereo plug is 2.5mm which is larger than 3/32's (2.38 mm).

$54 bucks for the cable and CD is too much. The only thing on the CD
you cannot get elsewhere is a PDF file of a manual that by rights
should have been shipped with the D7.

> ----- Original Message -----
> From: > Sent: Monday, May 29, 2000 8:02 AM
>
>> I have found that the diameter of the 3/32" plug is critical on the
>> TH-D7A. I have a couple that don't make contact unless you twist
>> the plug just right and then don't breathe on it. The supplied
>> Kenwood plug works just fine.

  Yeah, but the cable itself that Kenwood ships is garbage. Most guys
have wound up butchering it when trying to make a cable. The Mouser
cable is the best.

73 de brian, ka2bqe

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

303. [htaprs] Re: PG-4w cable for D7A

From: "Jim, KA3TTU" <KA3TTU@arrl.net>
Date: Mon, 29 May 2000 21:50:39 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87308-2000.05.29-20.54.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian,

I guess I am spoiled. I have turned into a real appliance operator these
days. Plug and Play baby!! Used to build my own PC's, not anymore.   Used
to build my own trackers, not anymore.   Used to build my own cables, not
anymore.   With my work/travel schedule the way it is these days it cost me
more to build than to buy. Building can be more enjoyable but buying lets
me conserve my most valuable commodity of all, TIME. Heck that is why I got
the D7 and the Garmin Streetpilot anyway. PLUG AND PLAY. You do make a
great point however, if you have the time BUILD, SAVE AND ENJOY!!

73's,
Jim
KA3TTU

----- Original Message -----
From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, May 29, 2000 9:20 PM
Subject: [htaprs] Re: PG-4w cable for D7A

> Not trying to be a smartass here but ... big deal! You can do that
> with any cable, hell you can make separate cable that doesn't need a
> null modem for less than Rat Shack sells the null modem adapter. You
> can make the cable with a $3.96 cable from Mouser and about $2.00
> worth of DB-9 and shell from Rat Shack ... maybe another $3.00 for a
> snap on ferrite core if you want to go really first cabin.
>
> The stereo plug is 2.5mm which is larger than 3/32's (2.38 mm).
>
> $54 bucks for the cable and CD is too much. The only thing on the CD
> you cannot get elsewhere is a PDF file of a manual that by rights
> should have been shipped with the D7.
>
> > ----- Original Message -----
> > From: > Sent: Monday, May 29, 2000 8:02 AM
> >
> >> I have found that the diameter of the 3/32" plug is critical on the
> >> TH-D7A. I have a couple that don't make contact unless you twist
> >> the plug just right and then don't breathe on it. The supplied
> >> Kenwood plug works just fine.
>
>   Yeah, but the cable itself that Kenwood ships is garbage. Most guys
> have wound up butchering it when trying to make a cable. The Mouser
> cable is the best.

>
> 73 de brian, ka2bqe

>
> ----- Original Message -----
> From: "James Van Houten" <james@vanhouten.com>
> Sent: Monday, May 29, 2000 11:06 AM
>
> > I can tell you that the Kenwood cable is worth the extra bucks. I
> > used a db9 to db9 null modem adapter from Radio Shack and pluged
> > it right into my Garmin data cable and all works great.
> > KA3TTU@arrl.net
>
> Not trying to be a smartass here but ... big deal! You can do that
> with any cable, hell you can make separate cable that doesn't need a
> null modem for less than Rat Shack sells the null modem adapter. You
> can make the cable with a $3.96 cable from Mouser and about $2.00
> worth of DB-9 and shell from Rat Shack ... maybe another $3.00 for a
> snap on ferrite core if you want to go really first cabin.
>
> The stereo plug is 2.5mm which is larger than 3/32's (2.38 mm).
>
> $54 bucks for the cable and CD is too much. The only thing on the CD
> you cannot get elsewhere is a PDF file of a manual that by rights
> should have been shipped with the D7.
>
> > ----- Original Message -----
> > From: > Sent: Monday, May 29, 2000 8:02 AM
> >
> >> I have found that the diameter of the 3/32" plug is critical on the
> >> TH-D7A. I have a couple that don't make contact unless you twist
> >> the plug just right and then don't breathe on it. The supplied
> >> Kenwood plug works just fine.
>
>   Yeah, but the cable itself that Kenwood ships is garbage. Most guys
> have wound up butchering it when trying to make a cable. The Mouser
> cable is the best.
>
> 73 de brian, ka2bqe
>
>
>
> ---
> You are currently subscribed to htaprs as: james@vanhouten.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

304. [htaprs] Sunsat Newsflash 20000529 (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 29 May 2000 23:27:17 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-87322-2000.05.29-22.30.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wondered what was wrong...

Bob
---------- Forwarded message ----------
From: Johann Lochner

Hi folks,

We just had a Sunsat pass. Corruption of a critical variable caused
a reset of all onboard systems at around 8:30 UTC, this morning.
This is to be expected for systems exposed to the high radiation
levels in space. Single event upsets can be detected and corrected
in many instances, but will cause fatal errors sometimes. This is
about the fifth time that a SEU caused a reset during the 15 months
since the launch. We hope to reload all digital and voice schedules
during the next pass.

Regards,

Johann

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

305. [htaprs] Sunsat update (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 29 May 2000 23:45:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-87331-2000.05.29-22.49.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SUnsat had to be reloaded, but they didnt fininsh. SO we wont have a play
toy for Tuesday..... Ah the joys of doing everything by remote control
only a few minutes ata atime...

de WB4APR, Bob

From: Johann Lochner

Did not have enough time to load all diaries during our second (12°
elevation) pass this evening. No digital or voice services will be
active until at least 7:20 UTC tomorrow (30 May).

Regards,
Johann

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

306. [htaprs] Re: APRS and Field Day

From: dpfister <dpfister@grapevine.net>
Date: Mon, 29 May 2000 23:14:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87334-2000.05.29-23.11.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> TAPR Hot Technology APRS Digest for Saturday, May 27, 2000.
>
>
> Subject: Re: APRS and Field Day
>
> --

Okay, I have an off the wall question.

What about APRS contacts made from a remote station? I plan to launch a balloon
at our companies annual picnic (just happens to be field day). I am thinking
about putting my 386 SBC on board the balloon with APRSdos. It can redirect the
386 SBC i/o to a serial port. I am thinking of putting another TNC on this port
so I can operate the APRSdos remotely (from the ground). Since the APRS contact
would be with the Balloon station wouldn't that count? The fact that I'm
operating the station's keyboard/display via a rf link shouldn't make any
difference should it? ;-)

Don

--

[Signature File]
Name=Don Pfister KA0JLF
HABITAT SkyLab
(High Altitude Basic Investigation Testing And Tracking)
Email=dpfister@grapevine.net or donp@netlab.org

http://www.netlab.org/habitat
http://www.kc.net/~dpfister
http://www.netlab.org/~donp
http://www.netlab.org:8888/ Visit the Lab in the Hobby wing. HABITAT being
built...

view stations on the web real time (~3 minute updates):

http://www.findu.com/cgi-bin/find.cgi?KA0JLF   Home
http://www.findu.com/cgi-bin/find.cgi?KA0JLF-9 van
http://www.findu.com/cgi-bin/find.cgi?KA0JLF-11 balloon

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

307. [htaprs] Kenwood D7A (G) mod

From: "Jim Gill" <gillj@uswest.net>
Date: Tue, 30 May 2000 13:59:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87467-2000.05.30-14.02.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone give me a "best guess" as to how long the (G) upgrades are taking
from Kenwood? I have two D7's that I would like to send to the eastern
service center for upgrade, and I have a Canada trip coming up that I would
like to take them on. I leave June 17... just wondering if I sent them in
tommorrow, would they be back in time... or should I only send one to make
sure I'll have at least one for the trip.

And BTW, could someone fill me in again on the address for the east service
center?

Thanks...

Jim N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

308. [htaprs] Re: Kenwood D7A (G) mod

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Tue, 30 May 2000 16:54:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87485-2000.05.30-15.54.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood Service Center – East
829 Lynnhaven Parkway, Suite 130
Virginia Beach, VA 23452

----- Original Message -----
From: "Jim Gill" <gillj@uswest.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, May 30, 2000 2:59 PM
Subject: [htaprs] Kenwood D7A (G) mod

> Can anyone give me a "best guess" as to how long the (G) upgrades
are taking
> from Kenwood? I have two D7's that I would like to send to the
eastern
> service center for upgrade, and I have a Canada trip coming up that
I would
> like to take them on. I leave June 17... just wondering if I sent
them in
> tommorrow, would they be back in time... or should I only send one
to make
> sure I'll have at least one for the trip.
>
> And BTW, could someone fill me in again on the address for the east
service
> center?
>
> Thanks...
>
> Jim N0RMO
> Omaha NE
>
>
> ---
> You are currently subscribed to htaprs as: brianbr@macconnect.com
> To unsubscribe send a blank email to

leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

309. [htaprs] TH-D7A

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Tue, 30 May 2000 18:51:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87518-2000.05.30-18.57.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

XYL has just given me permission to buy a D7A; however, I want to *use* it
(not just Rx) on SUNSAT. Has anyone heard when the new D7A's will hit the
shelf? Will they? Will you have to send any radio bought back to Kenwood
for this $60 mod?

Tnx es 73,

Joel B. Black, K2SAT
AMSAT.....32589
AMSAT Local Area Coordinator
k2sat@amsat.org
http://www.mindspring.com/~jbblack
AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
KO-25, TO-31, UO-22, UO-36

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

310. [htaprs] Re: TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Tue, 30 May 2000 20:18:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87526-2000.05.30-20.19.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/30/00 6:51 PM, Joel B. Black at jbblack@mindspring.com wrote:

> XYL has just given me permission to buy a D7A; however, I want to *use* it
> (not just Rx) on SUNSAT. Has anyone heard when the new D7A's will hit the
> shelf? Will they? Will you have to send any radio bought back to Kenwood
> for this $60 mod?

I talked to Paul, the manager at Kenwood at Dayton. He said the radios with
the new software will probably hit the shelves after June 1st. Who knows
though how much stock your dealer has! Between now and then though, I
think Kenwood will upgrade any newly purchased D7A for free to the "G"
version.

Give Kenwood a call. Their customer care is VERY supportive or send them an
e-mail asking this.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

311. [htaprs] Software Update

From: Robin Reppert <n3xxu@fyi.net>
Date: Wed, 31 May 2000 06:18:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87594-2000.05.31-05.17.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just signed on to this web site in the past week and haven't had much time to poke around. What is all the talk about the software updates to the TH D7?? I bought my HT in January and really enjoy it compared to the old "brick". Where can I find out about the software upgrade & what they will do for me?

    Also, I was putting the canvas Kewood case on the HT over the weekend and the rubber light button pulled out. Has anyone else had this problem. I'm contacting Kenwood to see if they will send them to me.

73

Rob, N3XXU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

312. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 31 May 2000 11:10:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87661-2000.05.31-11.19.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Thanks for the info Walter and as a user who has
>experienced problems AND, who has a new radio courtesy
>of Kenwood which so far has worked flawless, I still
>have problems paying for their problems. How does the
>rest of the group feel? I wouldn't mind picking up
>the shipping costs but that's it.

My radio is 1 month old and crashes all the time. The APRS triggered lockups and the power mismanagement corrupt the memory of my channels regularly. The split offset gets changed to values which display as jibberish. The transmit will no longer occur when I push PTT. I have to go and reconfigure the offsets (if I don't have a PC handy to reload the radio). This makes the radio extremely unfriendly to use.

I can not believe that the radio will not transmit on L when powered by the AC charging wall wart. If the TNC is on, APRS is active and the other band is set to EL even, the radio occasionally reboots on an APRS beacon. I find this completely unacceptable. If I try and transmit on the other band (with EL selected) while the TNC is set to packet mode, and I am hooked to the AC charger, I often experience the radio loosing power and rebooting. This inability to operate reliably with what came in the box is just nosense!

I believe that we should be obligated to no more than shipping, and I wonder if radios bought within the past 90 days of age should not be covered with zero net cost to the owner!
-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

313. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Wed, 31 May 2000 10:59:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87680-2000.05.31-13.02.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Gregg G. Wonderly
> Sent: Wednesday, May 31, 2000 9:10 AM
>

>
> My radio is 1 month old and crashes all the time. The APRS
> triggered lockups
> and the power mismanagement corrupt the memory of my channels
> regularly. The
> split offset gets changed to values which display as jibberish.
> The transmit
> will no longer occur when I push PTT. I have to go and reconfigure the
> offsets (if I don't have a PC handy to reload the radio). This makes the
> radio extremely unfriendly to use.

Yes, I have experienced the same problem several times. And yes, it has happened while operating on the internal battery. The only recovery that I have found is to do a complete reset and a complete reprogramming of the radio. No, that is not convenient when I am in the mountains and it locks up. At those times I just program the bare necessities of what I need at the time. When I get home, I reset it again and reprogram it from my computer. Piece of cake that way. For as much programming as is required for these hi-tech toys, I consider the computer programming link as mandatory or you will really get frustrated when the microprocessor hangs up or the program crashes.

Hopefully, the (G) version will correct this problem.

>
> I can not believe that the radio will not transmit on L when
> powered by the AC
> charging wall wart. If the TNC is on, APRS is active and the
> other band is
> set to EL even, the radio occasionally reboots on an APRS beacon.
> I find this
> completely unacceptable. If I try and transmit on the other band
> (with EL
> selected) while the TNC is set to packet mode, and I am hooked to the AC
> charger, I often experience the radio loosing power and rebooting. This
> inability to operate reliably with what came in the box is just nosense!

I would never attempt to operate my radio on the supplied charger. It is just what it says, a battery charger, not a power supply.

> I believe that we should be obligated to no more than shipping,
> and I wonder
> if radios bought within the past 90 days of age should not be
> covered with
> zero net cost to the owner!

If your radio is that new and you are willing to loose it for a while, I would send it back and explain the problem to them and see what they will do for you under their warranty. I elected to live with this minor inconvenience since I really do not expect anything that small with all these features to always run flawlessly. I have never had a computer that ran flawlessly either. It is just the nature of the beast.

I still love my TH-D7A's (yes, I own two of them) and intend to send them in for upgrades as soon as a workable software programming program is released. Right now it would take too long to reprogram it by hand and I am satisfied with my current versions.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

314. [htaprs] Precision Mapping

From: "Sam E. Stimson" <n5wu@worldnet.att.net>
Date: Wed, 31 May 2000 13:8:28

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87683-2000.05.31-13.11.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know where I can get a copy of Precision Mapping Street 3.5?

Sam
N5WU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

315. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Jon Ogden" <jono@enteract.com>
Date: Wed, 31 May 2000 13:41:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87688-2000.05.31-13.43.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> My radio is 1 month old and crashes all the time.

Sorry to hear that. Please detail your operation.

>The APRS triggered lockups
> and the power mismanagement corrupt the memory of my channels regularly.
The
> split offset gets changed to values which display as jibberish. The
transmit
> will no longer occur when I push PTT. I have to go and reconfigure the
> offsets (if I don't have a PC handy to reload the radio). This makes the
> radio extremely unfriendly to use.

The only time I've remotely had anything like this happen is when I was
trying to run the radio off an unfiltered DC power cord in the car. Are you
trying to do this? You need the Kenwood plug.

>
> I can not believe that the radio will not transmit on L when powered by
the AC
> charging wall wart. If the TNC is on, APRS is active and the other band
is
> set to EL even, the radio occasionally reboots on an APRS beacon.

Your wall wart is not designed to power the radio on transmit. Wall warts
on not regulated power supplies. They put out a given voltage at a given
current. Once you draw more current than specified on the wall wart, the
voltage drops. What you are doing when trying to transmit is pulling the
voltage down that is being supplied to the radio. The radio can no longer
be powered by that and so drops out. This could also cause screw ups and
lock ups as you mention above. The wall wart is meant ONLY to charge the
radio not to power it. If you have the radio powered while having the wall
wart plugged in, the battery may not charge well either the manual is very
clear about this. It says to NOT have the radio on when the charger is
plugged in. This is standard operating procedure. If you want to power the
radio from DC, buy a DC power supply that is regulated and is designed to
carry the load of transmission.

>I find this
> completely unacceptable.

Why? You are trying to use the wall wart for a purpose for which it is not
intended.

> If I try and transmit on the other band (with EL
> selected) while the TNC is set to packet mode, and I am hooked to the AC
> charger, I often experience the radio loosing power and rebooting. This
> inability to operate reliably with what came in the box is just nosense!
>

Again, the wall wart was NEVER designed to power the radio. Why do you
insist on trying to force it to do something it isn't designed to do?

> I believe that we should be obligated to no more than shipping, and I
wonder
> if radios bought within the past 90 days of age should not be covered with
> zero net cost to the owner!

If your radio is REALLY malfunctioning, why not call Kenwood and send it

back to them for repair? After all, that is what the thing called a
"warranty" is all about. If Kenwood can verify you have a problem (and you
may have a problem) then they will repair it for nothing and they may even
give you the software upgrade at the same time for no charge.

But I think your radio works perfectly. What I really think your problem is
due to is trying to power the radio off the wall charger which is a NO NO!
Try charging the battery fully for 18 hours or whatever it is listed as and
then try operating the radio UNPLUGGED from the charger and see if it works
right. That's they way it is supposed to be done!

I can't believe how people constantly rip Kenwood on this reflector when
they have problems with their radios. Kenwood has a customer care line and
you can call them, e-mail them, etc. Every time I have called them they
have IMMEDIATELY worked to fix the problem and take care of things. I can't
say enough good things about the service I have gotten from them. So folks,
instead of b**ching about how your radio doesn't work right out of the box,
call the manufacturer. If they aren't willing to fix it then come on and
gripe all you want.

73,

Jon
NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

316. [htaprs] Re: Software Update

From: "<Walter> <Dunckel>" <walterd@radiohound.com>
Date: Wed, 31 May 2000 14:34:32
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87691-2000.05.31-14.37.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try http://www.radiohound.com/2000upgrade.htm

I haven't heard of anyone having the button problem you describe.

Walter
http://www.radiohound.com

On 05/31/00, "Robin Reppert <n3xxu@fyi.net>" wrote:
> I just signed on to this web site in the past week and haven't had much
> time to poke around.   What is all the talk about the software updates
> to the TH D7?? I bought my HT in January and really enjoy it compared
> to the old "brick".   Where can I find out about the software upgrade &
> what they will do for me?
>
>   Also, I was putting the canvas Kewood case on the HT over the
> weekend and the rubber light button pulled out. Has anyone else had
> this problem. I'm contacting Kenwood to see if they will send them to
> me.
>
> 73
>
> Rob, N3XXU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

317. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 31 May 2000 16:10:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87700-2000.05.31-16.20.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The only time I've remotely had anything like this happen is when I was
>trying to run the radio off an unfiltered DC power cord in the car. Are you
>trying to do this? You need the Kenwood plug.

I have the filtered kenwood 12v DC adapter for the car, that works perfectly
to power the radio and provide limited charging of the battery.

>Your wall wart is not designed to power the radio on transmit. Wall warts
>on not regulated power supplies. They put out a given voltage at a given
>current. Once you draw more current than specified on the wall wart, the
>voltage drops. What you are doing when trying to transmit is pulling the
>voltage down that is being supplied to the radio. The radio can no longer
>be powered by that and so drops out. This could also cause screw ups and
>lock ups as you mention above. The wall wart is meant ONLY to charge the
>radio not to power it. If you have the radio powered while having the wall
>wart plugged in, the battery may not charge well either the manual is very
>clear about this. It says to NOT have the radio on when the charger is
>plugged in. This is standard operating procedure. If you want to power the
>radio from DC, buy a DC power supply that is regulated and is designed to
>carry the load of transmission.

My point is that if the radio powers up with the wall wart plugged in, then I would expect it to operate with it plugged in. In an emergency situation, or otherwise, I may not have an extra battery or the time to charge one. The wall wart should have enough current capacity to power the radio for reasonable use. At no additional cost, the wall wart could have twice the current capacity that it now has. Also, it could have provided quick charging of the Nicad battery packs as well.

This radio is an appliance to me, if I can connect something push some buttons and seem some results, then I draw many conclusions from those results. If the radio can power up and run without transmitting while the wall wart is connected, then I'd expect that it could have been designed with one of those single chip switching power supply chips that would have been able to regulate the current and voltage correctly. I have no desire to own 4 different power supplies/power sources/chargers for a device! Two, one for the car and one for the house should be enough. Needing purchase and carry around/find an AC charger, an AC, regulated power supply, a DC filtered power supply and an AC quick charger just doesn't do me any good.

If that little plug is doubling for charging and power source, then I expect that anything that kenwood would provide/sell that plugs into there would provide sufficient power for operating the device. The wall wart is huge compared to those that I use to charge my cell phone or my RC radios for my planes and cars. I guessed, incorrectly, that Kenwood would have provided a regulator in that package...

>Why? You are trying to use the wall wart for a purpose for which it is not
>intended.

That is Kenwoods statement, which differs from my expectations. I paid for that wall wart, and it is useless for my needs. I need to be able to plug my rig into whatever available AC power there is where I am operating. The battery should stay charged that way so that when I don't have external power provided, I can operate with a fully powered battery and know that I will have power for some period of time. As it is now, I have to operate at home, off of batteries and if at a moments notice I have to go operate someplace else, off of batteries, they will already be weakened and I will have to deal with that! At home with both bands operating and the TNC on, I lose battery power inside of my expected evening operating time and often have to stop early!

A single AC power supply and charger would make it unnecessary for me to have to do this and own 3 different AC power devices. I know I can build a Gel Cell backed power system, charging the gel cell off of the wall wart or some other low capacity source. But, that implies a mode of operation which I think is a choice for the owner to make (operating off of battery). It comes down to a simple economics lesson. If I can make a single AC power system for charging and operations, than Kenwood could have. This radio, with its high power requirements, should be capable of operating off of AC out of the box without extra expense. The $400.00 that I paid for this radio is way above the price of the typical dual band HT. The TNC and APRS support is part of that cost, but I expected a much better power management system for that price.

>If your radio is REALLY malfunctioning, why not call Kenwood and send it
>back to them for repair? After all, that is what the thing called a
>"warranty" is all about. If Kenwood can verify you have a problem (and you
>may have a problem) then they will repair it for nothing and they may even
>give you the software upgrade at the same time for no charge.

It is clear that the radio does not operate in a mode that I think would be appropriate for basic operations to be possible. It is arguable whether the misoperation that I perceive is a system problem or limitation of the design.

>But I think your radio works perfectly. What I really think your problem is
>due to is trying to power the radio off the wall charger which is a NO NO!

>Try charging the battery fully for 18 hours or whatever it is listed as and
>then try operating the radio UNPLUGGED from the charger and see if it works
>right. That's they way it is supposed to be done!

I do this regularly and get about 1.5-2hours of operations at home after charging. Thus, I need a different power source for these kinds of operations. But, since the charging jack and the power jack are one in the same, if I have to buy a larger capacity power supply, then why would I need the wall wart? I could charge using the higher capacity power supply.

Now, there is apparently no charging control built into the radio and thus if you put a large power supply into that jack, you may need to remove the battery to avoid overcharging it. So, in this case, I would need to use the wall wart for charging. But this is the point that I am trying to make. If a real charging and power system was built into the wall wart, then I wouldn't need both!

>I can't believe how people constantly rip Kenwood on this reflector when
>they have problems with their radios. Kenwood has a customer care line and
>you can call them, e-mail them, etc. Every time I have called them they
>have IMMEDIATELY worked to fix the problem and take care of things. I can't
>say enough good things about the service I have gotten from them. So folks,
>instead of b**ching about how your radio doesn't work right out of the box,
>call the manufacturer. If they aren't willing to fix it then come on and
>gripe all you want.

I like to voice my concerns and disappointments here to see if others perceive the same issues. If so, I'll call Kenwood. Otherwise, I'll just accept that my expectations are not in line with typical use and I'll take the extra expense and/or trouble to remedy the situation myself. In my opinion, it is very healthful for people to share their different expectations from what is on the market. It really does allow manufactures that are clueful to address issues and deal with markets that they can and desire to.

I rarely take peoples complaints as b*tching unless they contain language that would imply that they are truely b*tchers as opposed to someone whose expectations are just way beyond what the manfacture thought. If you want a great example of expectation riffs, go look at netpliance.com and what everyone wants to do with the I-Opener verses what the now documented business model is.

Kenwood will discover over the next year or so that there are a lot more appliance users buying their equipment than before. These people will still understand power consumption and battery technologies at some level, but I predict that they will be less tolerant of poorly matched equipment power consumption and battery based power systems.

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

318. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Wed, 31 May 2000 18:37:43 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87718-2000.05.31-17.39.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 31, 2000 12:10 PM
Subject: [htaprs] Re: TH-D7 (G) Upgrade information

> My radio is 1 month old and crashes all the time. The APRS
triggered lockups
> and the power mismanagement corrupt the memory of my channels
regularly. The
> split offset gets changed to values which display as jibberish. The
transmit
> will no longer occur when I push PTT. I have to go and reconfigure

the
> offsets (if I don't have a PC handy to reload the radio). This
makes the
> radio extremely unfriendly to use.

  You may have a bad radio, this is _NOT_ normal behaviour for the D7.
I have had my D7 for 16 months and in that time have had two lockups,
and they weren't even in a hi RF/APRS environment. I have no idea why,
I just unlatched the battery and reattached it and I was back in
business. I have spent some extended perios of time in the hiAPRS
traffic areas in NJ w/o any problems. I rotinely run my D7 on my desk
at school under EL with my D700 in the car digipeating in and out. The
D7 often runs for 4-5 hours at a time and no problems.

Now don't get me wrong, its not perfect ... there are some
design/operations problems ... and the (G) upgrade is supposed to fix
many of them ... but the D7 is basically a great little radio with a
lot of functionality in a small package.

> I can not believe that the radio will not transmit on L when powered
by the AC
> charging wall wart. If the TNC is on, APRS is active and the other
band is
> set to EL even, the radio occasionally reboots on an APRS beacon. I
find this
> completely unacceptable. If I try and transmit on the other band
(with EL
> selected) while the TNC is set to packet mode, and I am hooked to
the AC
> charger, I often experience the radio loosing power and rebooting.
This
> inability to operate reliably with what came in the box is just
nosense!

   ... and from just which crackerjack box did you get YOUR power
management education. Just how far do you think an 80 ma power supply
can go with a totally discharged battery. It might just barely make it
on an EL transmit on voice but it sure won't power the TNC and
transmit much. If you want to operate 'out of the box' then plug in a
12 vdc supply with some juice behind it ... that will work just fine.

> I believe that we should be obligated to no more than shipping, and
I wonder
> if radios bought within the past 90 days of age should not be
covered with
> zero net cost to the owner!

  I don't know about 90 days but all D7's bought at Dayton I have
heard will be covered.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

319. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Jon Ogden" <jono@enteract.com>
Date: Wed, 31 May 2000 17:37:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87719-2000.05.31-17.39.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have the filtered kenwood 12v DC adapter for the car, that works
perfectly
> to power the radio and provide limited charging of the battery.

So you admit your radio works as it should.

>
> My point is that if the radio powers up with the wall wart plugged in,
then I
> would expect it to operate with it plugged in. In an emergency situation,
or
> otherwise, I may not have an extra battery or the time to charge one. The
> wall wart should have enough current capacity to power the radio for
> reasonable use. At no additional cost, the wall wart could have twice the
> current capacity that it now has. Also, it could have provided quick

charging
> of the Nicad battery packs as well.

If you want quick charging, Kenwood sells a quick charger.

As for emergency operating, might it not be wise to have that spare battery pack handy in case you have no AC power? That seems to me the prudent option. To depend on a wall wart to provide any kind of power for anything in an emergency is suspect at best.

Also, you say at "no additional" cost the wall wart could handle twice the current. Not necessarily. It could have very definitely impacted the cost. Again, wall warts are rarely regulated devices. They are designed to output a given voltage or voltage range for a given range of currents. They are cheap. And that's all they are. Rapid chargers cost $60 because the circuitry to charge the battery is more expensive (and we live in a great economic system called Capitalism).
>
> This radio is an appliance to me, if I can connect something push some buttons
> and seem some results, then I draw many conclusions from those results.

Greg, I encourage you to step beyond the boundaries of being an appliance operator. While I am all in favor of the new licensing system and rules, I firmly believe that hams should be more than just appliance operators. We are to be skilled in the art of radio communications. That implies a LOT more than just operating an appliance and knowing nothing about it. If more and more people are going to be appliance operators such as you describe and can't even determine the limits for a power supply, then our hobby certainly is in trouble!

> If
> the radio can power up and run without transmitting while the wall wart is
> connected, then I'd expect that it could have been designed with one of those
> single chip switching power supply chips that would have been able to regulate
> the current and voltage correctly.

To assume something like this is a dangerous proposition.

> I have no desire to own 4 different power
> supplies/power sources/chargers for a device! Two, one for the car and one
> for the house should be enough. Needing purchase and carry around/find an AC
> charger, an AC, regulated power supply, a DC filtered power supply and an AC
> quick charger just doesn't do me any good.

Let's see: If I buy a power cord for the car, that's one supply. If I buy a small couple amp 12 Volt regulated supply for the house, that's 2 supplies. Where's supplies 3 and 4? Sure, I can have a quick charger, but with the 12V supply, I don't really need one do I?

>
> If that little plug is doubling for charging and power source, then I expect
> that anything that kenwood would provide/sell that plugs into there would
> provide sufficient power for operating the device.

Again, a dangerous assumption. Read your manual.

> The wall wart is huge
> compared to those that I use to charge my cell phone or my RC radios for my
> planes and cars. I guessed, incorrectly, that Kenwood would have provided a
> regulator in that package...
>

But do you power your AC radios and cars off the warts? I doubt it. Size doesn't mean anything. And my Kenwood wall wart is pretty small. The big one I have is for the rapid charger. The wall warts clearly indicate the load capacity on them. If one compares that to the specs given in the manual, one can then know if one can transmit with that wart.

> >Why? You are trying to use the wall wart for a purpose for which it is not

> >intended.
>
> That is Kenwoods statement, which differs from my expectations. I paid
for
> that wall wart, and it is useless for my needs.

Kenwood does not state that you can power the radio from the wall wart. In
fact they specifically tell you NOT to do so!

>I need to be able to plug my
> rig into whatever available AC power there is where I am operating.

What if all you have is 220 Volts? Should it operate on 220 as well?

> The
> battery should stay charged that way so that when I don't have external
power
> provided, I can operate with a fully powered battery and know that I will
have
> power for some period of time. As it is now, I have to operate at home,
off
> of batteries and if at a moments notice I have to go operate someplace
else,
> off of batteries, they will already be weakened and I will have to deal
with
> that! At home with both bands operating and the TNC on, I lose battery
power
> inside of my expected evening operating time and often have to stop early!

Greg, you can either buy more batteries or better yet, buy a small 12 volt
power supply. You could probably get one from Radio Shack for less than
$50. Then your problems are solved and you can keep your batteries charged
and ready for use only if you need them for that emergency. If agree with
you, you need to have communication capabilities in an emergency situation.
But relying on commercial AC power is not emergency preparedness. Having a
stash of charged batteries on hand is.
>
> A single AC power supply and charger would make it unnecessary for me to
have
> to do this and own 3 different AC power devices.

Exactly! And you can get one!

> If I can make a single AC power system for
> charging and operations, than Kenwood could have.

Yes. They do. You can buy Kenwood branded power supplies.

>This radio, with its high
> power requirements, should be capable of operating off of AC out of the
box
> without extra expense. The $400.00 that I paid for this radio is way
above
> the price of the typical dual band HT. The TNC and APRS support is part
of
> that cost, but I expected a much better power management system for that
price.
>

My FT-847 HF,VHF,UHF rig cost me $1500. It draws nearly 20 amps on
transmit. It did not come with a power supply. Just because a radio draws
a lot of power doesn't mean the manufacturer is obligated to supply you with
a means for powering it. The $400 you paid was for the radio. The wall
wart probably is worth about 50 cents in the entire scheme of things. If
you take a top of the line dual band HT and get a TNC such as a KPC-3, you
will approach the price of a TH-D7A. But then you won't have the
convenience of an all in one TNC/Radio/software, etc.

If you feel the radio is not worth what you paid for it because the wall
wart doesn't allow you to transmit with it, then perhaps you should sell the
radio on e-Bay or something. I'd make an offer on it if you were selling
it.

>
> It is clear that the radio does not operate in a mode that I think would
be
> appropriate for basic operations to be possible. It is arguable whether
the
> misoperation that I perceive is a system problem or limitation of the

design.

Sure it's a limitation of the design. No question. It would be nice to be able to hook up a straight AC power plug and skip the wall wart all together! It would also be great if the HT put out 50 Watts instead of 5 Watts. After all, I have difficulty hitting digipeaters with the rubber duck! But you have to draw the line somewhere.

> I do this regularly and get about 1.5-2hours of operations at home after
> charging. Thus, I need a different power source for these kinds of
operations.
> But, since the charging jack and the power jack are one in the same, if I
> have to buy a larger capacity power supply, then why would I need the wall
> wart? I could charge using the higher capacity power supply.

1.5 to 2 hours of operation is all you can really expect unless you have a high capacity battery and even then not much longer. The TH-D7A is a battery hog that's true. And it is a limitation that the batteries cannot be charged without them being on the radio (unless you have the rapid charger). And yes, if you got a higher capacity supply, you would not need the wall wart. You are correct.
>
> Now, there is apparently no charging control built into the radio and thus
if
> you put a large power supply into that jack, you may need to remove the
> battery to avoid overcharging it. So, in this case, I would need to use
the
> wall wart for charging. But this is the point that I am trying to make.
If a
> real charging and power system was built into the wall wart, then I
wouldn't
> need both!

First of all, you can't really over charge the batteries when using a trickle charge method such as the wall wart. The wall wart doesn't have any charging control built into it either. It's a myth that you can overcharge nicads on trickle charge. Rapid charging is a different story. But in fact, in order to keep nicads good, you should keep them on a trickle charge rather than just let them sit on the shelf for long periods of time. So if the external supply is going to overcharge them, the wall wart will do the same. But it won't happen. Neither will overcharge the battery. Additionally, batteries typically have internal temperature sensing circuitry that will also prevent against this. However, the only time batteries really get hot while charging is while on the rapid charger. So now, you don't need the wall wart.

> Kenwood will discover over the next year or so that there are a lot more
> appliance users buying their equipment than before. These people will
still
> understand power consumption and battery technologies at some level, but I
> predict that they will be less tolerant of poorly matched equipment power
> consumption and battery based power systems.

We are ham radio operators. Part of our charter from the government is to be technically skilled. And I say this to all appliance operators out there: If you aren't technical - that's fine. But you can learn to be more technical than you already are. That's part of the great thing about this hobby. Always an opportunity to learn - if you are willing to learn and be taught.

Greg, please don't take any of this personally. I am not trying to insult you or attack you at any level. Rather I am just trying to help you and others who may have this same problem learn a little bit more about their equipment and what it takes to properly operate it.

73 es GL,
Jon
NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

320. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 31 May 2000 18:13:39 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87720-2000.05.31-18.21.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   ... and from just which crackerjack box did you get YOUR power
>management education. Just how far do you think an 80 ma power supply
>can go with a totally discharged battery. It might just barely make it
>on an EL transmit on voice but it sure won't power the TNC and
>transmit much. If you want to operate 'out of the box' then plug in a
>12 vdc supply with some juice behind it ... that will work just fine.

I am not suggesting that 80ma would do that...

My point is simply that the provided AC wall wart does not put out sufficient
power to operate in minimum conditions. This was a Kenwood design
decision, they could have provided more power so that it would operate
under minimum power with such a wal wart. I suspect they did not so as
to avoid battery overcharging problems, but still, that is another design
issue that could have been dealt with to provide a more robust power
management system.

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

321. [htaprs] Re: TH-D7 (G) Upgrade information

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 31 May 2000 19:26:08 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87723-2000.05.31-18.28.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > My radio is 1 month old and crashes all the time. The APRS
> > triggered lockups....

I think they discovered this problem. Apparently if the radio is
in an environmnet like DAYTON or on a mountain where the squelch never
closes, and therefore the internal TNC never gets to transmit, then the
TRANSMIT buffer just overloads or something and that is what causes the
lockup. So one fix is to simply do what we are all supposed to do...
"listen to your radio".

Operating APRS without listening to the channel is like walking blind..
Im not saying everyone has to have the volumne turned up all the time, but
during any period of operations, you need to "monitor" the channel
just to hear what is going on. Your ear can tell you an
order-of-magnitude more information about the health of the channel than
your TNC can...

The other lockup problem of course is insufficinet power supply to keep
the internal TNC powered up, plus the two internal transceivers during
your 4 amp Transmit drains...

Just stumping.. No real point here.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

322. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Jeff Tong" <brcomm@imt.net>
Date: Wed, 31 May 2000 17:27:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87725-2000.05.31-18.39.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: Gregg G. Wonderly <gregg@skymaster.c2-tech.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Wednesday, May 31, 2000 3:18 PM

Subject: [htaprs] Re: TH-D7 (G) Upgrade information

>

>I have the filtered kenwood 12v DC adapter for the car, that works
perfectly
>to power the radio and provide limited charging of the battery.
>

>My point is that if the radio powers up with the wall wart plugged in, then
I
>would expect it to operate with it plugged in. In an emergency situation,
or
>otherwise, I may not have an extra battery or the time to charge one. The
>wall wart should have enough current capacity to power the radio for
>reasonable use. At no additional cost, the wall wart could have twice the
>current capacity that it now has. Also, it could have provided quick
charging
>of the Nicad battery packs as well.

The reason that you are supplied with a low POWER wall wart CHARGER is to
eliminate overcharging and baking the battery. It's not the current
capacity of the charger that is important, but the voltage supplied to the
radio. The wall wart supplied with ALMOST every radio I have ever bought or
SOLD is designed to charge the battery over an extended period of time. It
iks NOT designed to run the radio. To run the radio , you need a device
designed to a different set of specifications. A CHARGER provides VOLTAGE
at a level higher than the battery design voltage so as to charge the
battery. A power supply designed to OPERATE the radio is designed to provide
a HIGH current at a voltage close to the battery voltage. You cannot supply
a power supply designed to do both at an economical price. Thats why the
MANUAL says NOT TO OPERATE the readi while plugged into the charger.

>
>This radio is an appliance to me, if I can connect something push some
buttons
>and seem some results, then I draw many conclusions from those results. If
>the radio can power up and run without transmitting while the wall wart is
>connected, then I'd expect that it could have been designed with one of
those
>single chip switching power supply chips that would have been able to
regulate
>the current and voltage correctly.

The radio cannot power up and run plugged into the wall wart. RTFM!

 I have no desire to own 4 different power
>supplies/power sources/chargers for a device! Two, one for the car and one
>for the house should be enough. Needing purchase and carry around/find an
AC
>charger, an AC, regulated power supply, a DC filtered power supply and an
AC
>quick charger just doesn't do me any good.
>
Then find some other toy to play with.

>If that little plug is doubling for charging and power source, then I
expect
>that anything that kenwood would provide/sell that plugs into there would
>provide sufficient power for operating the device. The wall wart is huge
>compared to those that I use to charge my cell phone or my RC radios for my
>planes and cars. I guessed, incorrectly, that Kenwood would have provided
a
>regulator in that package...
>
>That is Kenwoods statement, which differs from my expectations. I paid for
>that wall wart, and it is useless for my needs.
NO, you paid for the radio . The wall wart is there to CHARGE the battery.

I need to be able to plug my
>rig into whatever available AC power there is where I am operating. The
>battery should stay charged that way so that when I don't have external
power
>provided, I can operate with a fully powered battery and know that I will
have
>power for some period of time. As it is now, I have to operate at home,

off
>of batteries and if at a moments notice I have to go operate someplace
else,
>off of batteries, they will already be weakened and I will have to deal
with
>that! At home with both bands operating and the TNC on, I lose battery
power
>inside of my expected evening operating time and often have to stop early!
>

That is a typical requirement of commercial radios. It is accomplished by
using a drop in charger that will charge the battery separately from the
radio. Then you buy a second battery and swap them out as needed.

The only device I can think think of that comes even close to your
requirements is a drop in mobile charger/ power amplifier similar to the
Docking Adapters. They all cost hundreds of dollars. Your wall wart costs
$10.00 retail on the high end.

>A single AC power supply and charger would make it unnecessary for me to
have
>to do this and own 3 different AC power devices. I know I can build a Gel
>Cell backed power system, charging the gel cell off of the wall wart or
some
>other low capacity source. But, that implies a mode of operation which I
>think is a choice for the owner to make (operating off of battery). It
comes
>down to a simple economics lesson. If I can make a single AC power system
for
>charging and operations, than Kenwood could have. This radio, with its
high
>power requirements, should be capable of operating off of AC out of the box
>without extra expense. The $400.00 that I paid for this radio is way above
>the price of the typical dual band HT. The TNC and APRS support is part of
>that cost, but I expected a much better power management system for that
price.
>

The $400.00 you paid for the radio is CHEAP! Remember what your market is
and who buys amateur radio equipment. We don't have unlimited budgets and
the manufacturers build these radios to a price point.
A similar radio in the commercial radio market is TEN TIMES THAT PRICE, and
it still CANNOT be operated from its charger.

>It is clear that the radio does not operate in a mode that I think would be
>appropriate for basic operations to be possible. It is arguable whether
the
>misoperation that I perceive is a system problem or limitation of the
design.
>

You are asking for something that does not fall within any manufacturers
definition of a BASIC operational requirement for a HANDHELD PORTABLE radio!
It is NOT DESIGNED AS A MOBILE OR BASE STATION!

 >I do this regularly and get about 1.5-2hours of operations at home after
>charging. Thus, I need a different power source for these kinds of
operations.
> But, since the charging jack and the power jack are one in the same, if I
>have to buy a larger capacity power supply, then why would I need the wall
>wart? I could charge using the higher capacity power supply.
>
>Now, there is apparently no charging control built into the radio and thus
if
>you put a large power supply into that jack, you may need to remove the
>battery to avoid overcharging it. So, in this case, I would need to use
the
>wall wart for charging. But this is the point that I am trying to make.
If a
>real charging and power system was built into the wall wart, then I
wouldn't
>need both!
>
CORRECT, but at what price.

>I like to voice my concerns and disappointments here to see if others

perceive
>the same issues. If so, I'll call Kenwood. Otherwise, I'll just accept
that
>my expectations are not in line with typical use and I'll take the extra
>expense and/or trouble to remedy the situation myself. In my opinion, it
is
>very healthful for people to share their different expectations from what
is
>on the market. It really does allow manufactures that are clueful to
address
>issues and deal with markets that they can and desire to.
>

I would guess that you are in less than 5% of the D7 owners that desire the
feature you are discussing.
This puts the desired enhancement in the area of OPTION, and we all know
that options cost more money.
Your expectation of a universal charger / operating power supply can be met,
but here would be the requirements.

1. Supply the requisite higher voltage to chatge the battery, but regulate
the current so as not to bake it.
2. Instantly sense the supply lines and switch from charge mode to operate
mode. IE: reduce output voltage and increase current at least tenfold to
power the finals.
3. Autosense the input voltage, frequency and if D.C> polarity. Allow a
voltage range of 12VDC to 240 VAC to allow for mobile and foreign operation.
Wait, lets go even lower on the input voltage to 6 Volts to allow for low
vehicle battery voltage or dropout on engine start.
4. Operate from D.C. to 100HZ input frequency. (remember foreign operation)
5. Provide plugs for all power recepticles world wide as well as all D.C.
connectors in standard use worldwide.
6. Keep the cost under $10.00

>I rarely take peoples complaints as b*tching unless they contain language
that
>would imply that they are truely b*tchers as opposed to someone whose
>expectations are just way beyond what the manfacture thought. If you want
a
>great example of expectation riffs, go look at netpliance.com and what
>everyone wants to do with the I-Opener verses what the now documented
business
>model is.
>
>Kenwood will discover over the next year or so that there are a lot more
>appliance users buying their equipment than before. These people will
still
>understand power consumption and battery technologies at some level, but I

I disagree, I think they have no clue. The nature of the new amateur radio
is that the initiates have little or no electronics theory or practice.
Thats why the manufacturers supply manuals.

>predict that they will be less tolerant of poorly matched equipment power
>consumption and battery based power systems.
>
>-----
>gregg@c2-tech.com (C2 Technologies Inc)
>
>
>
>---
>You are currently subscribed to htaprs as: BRCOMM@IMT.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

323. [htaprs] Re: [Jon Ogden] Re: TH-D7 (G) Upgrade information

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 31 May 2000 18:56:41 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87726-2000.05.31-19.02.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Greg, please don't take any of this personally. I am not trying to insult
>you or attack you at any level. Rather I am just trying to help you and
>others who may have this same problem learn a little bit more about their
>equipment and what it takes to properly operate it.

No personal attacks assumed.

Jon, I am a technically minded person, a software engineer with 15 years
of experience in that. I do have the ability to do all of the power
system analysis necessary to know that the wall wart won't work for
operating the radio. I have 20+ years experience with nicads from using
them with RC aircraft, so I know about charging rates, storage techniques
and other related things. In the RC industry, the radios must be off
for the charging circuit to be active. There is no opportunity for
it to be considered that one could run an AC cord out to your airplane
(or other model) and run the system off of AC while tuning the engine
otherwise messing with the model. If you want to provide alternative
power, you have to hook up the correct connectors to your power source,
unplug the batteries and plug in your source.

I can clearly see from the table in the back how much power is used/needed
for each part of the operations. I did read the part about "Turn the
radio off while charging." This is not what I am disputing.

I am arguing the fact that a remedial charger was supplied that could have
been (I won't say easily this time to avoid that argument), different so
that all the time that I am operating under normal conditions I don't have
to buy battery packs (of which I could charge only one at a time), or an
external, regulated power supply that would typically provide the 20amps
you mention when all I need is about 1 amp. Regulating 1 amp at 12 volts
can be done with a single switching power supply chip for a small cost.

I understand all the preparedness issues associated with the obligations
that some of us take on to provide emergency support. All Amateurs
that I have met (about 10 personally and many others have shared their
operating desires on the air for me to hear) have different needs and
contributions to make. Not all of them want to have 4 battery packs
charged and ready to go with a 20amp external supply to boot when that
would buy them a mobile rig to put in the car. To use this radio with
any real frequency I must be in the car with the DC adapter. If I had
2 or even 3 or 4 batteries, I'd still have to buy a quick charger to
charge them off of the radio, or I'd be stuck with serial charging which
would result in me getting bit sometime when I forgot to change batteries
and left 1 or 2 uncharged.

When I am ready to operate at home for extended periods without AC, I'll
be happy to buy a large gel cell and hook it all up.

Kenwood could have provided a nice power system for the device. They
did not... I think this is an oversight, but perhaps most other people
spending the $400 on this radio have more to spend on accessories than
I wish to.

Thanks for reflecting your thoughts back to me and hopefully I've said
enough to express my points. The radio is not a bad thing, it is just
a compromise (like most products) that ended up with an unfortunate
limitation that I think is really, really poor packaging.

Now, back to really important matters...

73s

KD5KGR

------
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

324. [htaprs] TH-D7A(G)

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Wed, 31 May 2000 19:12:09 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87727-2000.05.31-19.18.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tried calling Kenwood on and off all day today. Even got Cliff Uyeda's
voice mail. No one ever returned the call. However, I did get an answer to
when to expect the new D7A(G)'s on the shelf. Kenwood will start shipping
next week. If Kenwood had a coupon/certificate for the upgrade, I never
could verify this information - I just couldn't buy the radio knowing that
the upgrade was just around the corner.

Thanks,

Joel B. Black, K2SAT
AMSAT.....32589
AMSAT Local Area Coordinator
k2sat@amsat.org
http://www.mindspring.com/~jbblack
AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
KO-25, TO-31, UO-22, UO-36

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

325. [htaprs] Re: TH-D7 (G) Upgrade information

From: Jon Ogden <jono@enteract.com>
Date: Wed, 31 May 2000 19:49:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87729-2000.05.31-19.50.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/31/00 6:13 PM, Gregg G. Wonderly at gregg@skymaster.c2-tech.com wrote:

> My point is simply that the provided AC wall wart does not put out sufficient
> power to operate in minimum conditions. This was a Kenwood design
> decision, they could have provided more power so that it would operate
> under minimum power with such a wal wart. I suspect they did not so as
> to avoid battery overcharging problems, but still, that is another design
> issue that could have been dealt with to provide a more robust power
> management system.

Greg,

I refer you to page 2 of the TH-D7A manual.

Section: Charging the NiCd Battery Pack

1.) Confirm that the transceiver power is OFF
    * When charging the battery pack, leave the transceiver power off.

Sounds pretty clear to me!

It's also why the BC-17 is called a "wall charger" not "wall power supply."
See page 94 of the manual.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

326. [htaprs] Re: TH-D7 (G) Upgrade information..now charging etc

From: Jack Chomley <chomley@telelink.com.au>
Date: Thu, 01 Jun 2000 11:29:04 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87734-2000.05.31-20.15.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:49 PM 5/31/2000 -0500, you wrote:
>on 5/31/00 6:13 PM, Gregg G. Wonderly at gregg@skymaster.c2-tech.com wrote:
>
>> My point is simply that the provided AC wall wart does not put out
sufficient
>> power to operate in minimum conditions. This was a Kenwood design
>> decision, they could have provided more power so that it would operate
>> under minimum power with such a wal wart. I suspect they did not so as
>> to avoid battery overcharging problems, but still, that is another design
>> issue that could have been dealt with to provide a more robust power
>> management system.

Jon Replies>

>Greg,
>
>I refer you to page 2 of the TH-D7A manual.
>
>Section: Charging the NiCd Battery Pack
>
>1.) Confirm that the transceiver power is OFF
>   * When charging the battery pack, leave the transceiver power off.
>
>Sounds pretty clear to me!
>
>It's also why the BC-17 is called a "wall charger" not "wall power supply."
>See page 94 of the manual.
>
>73,
>
>Jon
>NA9D
>

Jack adds>

I just simply drop the rig into my BC19 fast charger and run
it from there.

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

327. [htaprs] maps.findu status line

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 31 May 2000 19:06:12 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87739-2000.05.31-21.06.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi all you hams

on maps.findu   it still shows me comment status line in los angeles. this
was true on monday. it updates the map ok with my current location, and my
comment lines on winaprs both say i am in las vegas...

any ideas as to why its not changeing on the net?

steve las vegas
find me on a map!   go to   http://maps.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

328. [htaprs] Re: TH-D7 (G) Upgrade information..now charging etc

From: Jon Ogden <jono@enteract.com>
Date: Wed, 31 May 2000 21:06:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87740-2000.05.31-21.07.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 5/31/00 8:29 PM, Jack Chomley at chomley@telelink.com.au wrote:

> I just simply drop the rig into my BC19 fast charger and run
> it from there.

While you may be able to get away with transmitting from the rapid charger, it may not be the best thing to do in all cases. I don't know what it will do to the battery if you try to drain it while rapid charging it at the same time. It might do bad things. Someone who is more of a battery expert than myself may be able to comment on this one.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

329. [htaprs] Re: Precision Mapping

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Wed, 31 May 2000 22:24:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87742-2000.05.31-21.29.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From Chicago Maps:

> Yes, we still have Precision Mapping Streets 3.5 available. The price is
> $9.99
> plus $5.95 for shipping and handling. Please call 800-257-9244 to order.

Keith Sproul
Student Housing Network Coordinator
mailto:ksproul@rci.rutgers.edu
http://dorm.rutgers.edu/~ksproul/

732 445-3695 Office
732 445-2968 Fax
732 821-4828 Home
WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

330. [htaprs] Re: TH-D7 (G) Upgrade information

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Wed, 31 May 2000 23:20:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87743-2000.05.31-22.21.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
To: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, May 31, 2000 7:13 PM
Subject: Re: [htaprs] Re: TH-D7 (G) Upgrade information

>
> >   ... and from just which crackerjack box did you get YOUR power
> >management education. Just how far do you think an 80 ma power
supply
> >can go with a totally discharged battery. It might just barely make
it
> >on an EL transmit on voice but it sure won't power the TNC and
> >transmit much. If you want to operate 'out of the box' then plug in
a
> >12 vdc supply with some juice behind it ... that will work just
fine.
>
> I am not suggesting that 80ma would do that...
>
> My point is simply that the provided AC wall wart does not put out
sufficient
> power to operate in minimum conditions. This was a Kenwood design
> decision, they could have provided more power so that it would
operate
> under minimum power with such a wal wart. I suspect they did not so
as
> to avoid battery overcharging problems, but still, that is another
design
> issue that could have been dealt with to provide a more robust power
> management system.

 ... what planet have you been hiding on ????? ... not one bloody
manufacturer, Icom., Yaesu, Kenwood, any of them, of ham handi-talkies
has ever delivered anything more than a wallwart capable of a .1C
charge rate for the Nicads with their basic talkie! So all of a sudden
you pronounce the D7 a failure because Kenwood did what they and the
others have been doing for 20 years or so ... ridiculous!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

331. [htaprs] Re: TH-D7A(G)

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Wed, 31 May 2000 20:32:44 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87751-2000.05.31-22.59.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All day today (Wed.) I was attending the American Red Cross Orange County
Chapter Disaster Preparedness Seminars.

For anyone buying a TH-D7A from an authorized Kenwood Dealer will either
get the upgraded (G) version off the shelf or purchase the existing TH-D7A
stock for the regular selling price. There will be some customers who may
not need the additional features and would prefer the lower costs of the
regular version (TH-D7A).

Clifford Uyeda
Kenwood

At 07:12 PM 5/31/00 -0500, Joel B. Black wrote:
>Tried calling Kenwood on and off all day today. Even got Cliff Uyeda's
>voice mail. No one ever returned the call. However, I did get an answer to
>when to expect the new D7A(G)'s on the shelf. Kenwood will start shipping
>next week. If Kenwood had a coupon/certificate for the upgrade, I never
>could verify this information - I just couldn't buy the radio knowing that
>the upgrade was just around the corner.
>
>Thanks,
>
>Joel B. Black, K2SAT
>AMSAT.....32589
>AMSAT Local Area Coordinator
>k2sat@amsat.org
>http://www.mindspring.com/~jbblack
>AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
>KO-25, TO-31, UO-22, UO-36
>

>
>
>
>
>---
>You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

June 2000

Original source file: htaprs.0006
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0006

1. [htaprs] D7 WallWarts

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 1 Jun 2000 10:47:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87866-2000.06.01-11.51.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Again, the wall wart was NEVER designed to power the radio. Why do you
>insist on trying to force it to do something it isn't designed to do?

Perhaps people's expectations of the D7 have been set unrealistically high by ubiquitous devices that have a more flexible power management system.

Many rechargeable devices from low tech (shavers) to high tech (laptop computers) work just fine while charging, they simply get the required power from whichever location has it. A superb side effect is that there is a built in Uninterruptible Power Supply function when you operate from external power.

My Yaesu FT-50 works great this way too (it's charging cord *is* the external power cord); though my old RS HTX-202 does have the same charging/using incompatibility as the D7.

73,
Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] UK Upgrades of the TH-D7

From: "Simon J Hopkins" <sjh@skewsby.demon.co.uk>
Date: Thu, 1 Jun 2000 17:52:36 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87868-2000.06.01-11.55.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to all.

I have made enquires of Kenwood in the UK regarding upgraded firmware for the UK model.

Replies are below.

> Greetings Simon - we spoke the other day about the cost of upgrading the TNC
> chip in your TH-D7E. I've checked with our Service department and the work
> involved would take about 2 hours, which covers replacing the 100-pin TNC IC
> and also re-programming another IC "in situ" for the 1200/9600 switching.
> In addition to this, there is the cost of the TNC itself.
>
> I'm told that the TNC is £35 plus vat and the labour element is £45 plus
> vat.
>
> Best wishes
>
> David Wilkins
> G5HY
> Communications Division

I then sent some of the posts from this group to David who replied thus

> Hello Simon and good to hear from you again. OK on the TH-D7AG. This is a
> development in the USA on their TH-D7A - roughly parallel to the one that we
> had recently here in Europe on our TH-D7E. Whereas in Europe our Version 2

> upgrade was more concerned with KISS mode, the American one addressed
> different issues and focussed more on GPS/weather-related issues. The two
> upgrades are not cross-compatible, however aspects such as the 9600 baud
> feature are indeed common.

I think that we have slightly different expectations of the mods.

Anyway, that's all the info I have.

Simon
G8PXB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Re: D7 WallWarts

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 1 Jun 2000 12:57:23 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87870-2000.06.01-12.00.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >Again, the wall wart was NEVER designed to power the radio. Why do you
> >insist on trying to force it to do something it isn't designed to do?
>
> Many rechargeable devices from low tech (shavers) to high tech (laptop
> computers) work just fine while charging...

But an HT which draws 4 amps on transmit and only 1/100 th of that amount
on receive ain't never gonna operate off of a 50 ma wall "charger".

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Re: D7 WallWarts

From: "Jon Ogden" <jono@enteract.com>
Date: Thu, 1 Jun 2000 15:10:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87896-2000.06.01-15.13.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> But an HT which draws 4 amps on transmit and only 1/100 th of that amount
> on receive ain't never gonna operate off of a 50 ma wall "charger".

What HT draws 4 amps on transmit? The TH-D7A is only spec'd at 1.6 Amps on
high power.

4 amps at 12 Volts is 48 Watts. Let's say our efficiency is just 25%. That
would mean that power out would be 12 Watts. Quite a bit more than the 5 or
so the TH-D7A puts out.

73,

Jon
NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: D7 WallWarts

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 1 Jun 2000 17:10:24 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-87905-2000.06.01-16.14.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 1 Jun 2000, Jon Ogden wrote:

> >
> > But an HT which draws 4 amps on transmit and only 1/100 th of that amount
> > on receive ain't never gonna operate off of a 50 ma wall "charger".
>
> What HT draws 4 amps on transmit? The TH-D7A is only spec'd at 1.6 Amps on
> high power.

OOPS, remembering the wrong radio... Sorry... :-(
Egg-on-my-face...
Bob

>
> 4 amps at 12 Volts is 48 Watts. Let's say our efficiency is just 25%. That
> would mean that power out would be 12 Watts. Quite a bit more than the 5 or
> so the TH-D7A puts out.
>
> 73,
>
> Jon
> NA9D
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Re: D7 WallWarts

From: Robert Donnell <kd7nm@pugetsound.net>
Date: Thu, 01 Jun 2000 14:28:44 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87906-2000.06.01-16.30.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:10 PM 6/1/00 -0500, Jon Ogden wrote:
>>
>> But an HT which draws 4 amps on transmit and only 1/100 th of that amount
>> on receive ain't never gonna operate off of a 50 ma wall "charger".
>
>What HT draws 4 amps on transmit? The TH-D7A is only spec'd at 1.6 Amps on
>high power.
>
>4 amps at 12 Volts is 48 Watts. Let's say our efficiency is just 25%. That
>would mean that power out would be 12 Watts. Quite a bit more than the 5 or
>so the TH-D7A puts out.
>

The extra heat dissipation would ensure short transmissions when using the
radio as a handy-talkie, tho! Almost the same scale as holding on to a
60-watt lightbulb, then turning it on. There's your humorous thought for
the night.

Now, off to the Seaside (OR) hamfest,

73, Bob

 Bob Donnell, KD7NM   kd7nm@pugetsound.net
 Western Washington Amateur IP Address Coordinator   (425) 775-3651
--------------------- http://wetnet.wa.com/~kd7nm ----------------------

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] Apology

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Thu, 1 Jun 2000 17:13:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87913-2000.06.01-17.15.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I must apologize for a statement made yesterday regarding my communications
with Kenwood. I was frustrated and couldn't get the information I wanted.
I made it sound as if Kenwood didn't even attempt to contact me and that was
not the case. Again, I apologize for any misconceptions that I may have
presented.

Joel B. Black, K2SAT
AMSAT.....32589
AMSAT Local Area Coordinator
k2sat@amsat.org
http://www.mindspring.com/~jbblack
AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
KO-25, TO-31, UO-22, UO-36

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: Software Update

From: Arte Booten <n2zrc@webspan.net>
Date: Wed, 31 May 2000 17:15:26 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87927-2000.06.01-18.51.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Robin R. wrote:

>... the rubber light button pulled out. Has anyone else had this prob-
>lem?

     On mine, the one that controls squelch (the bottom one) tore off.
I've found that by inserting the screwdriver on my trusty Swiss Army
Knife, it'll short the contacts sufficiently to let the D7a think the
button has been pressed. I suppose any appropriately sized piece of
metal would do the trick. But this does compromise the water-resistance
of the unit.   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services NYC ARES/RACES|
|Riverdale, NY [FN30bu] APRS Elmer 4052.71N/07354.06WNPHG5370/A=000240|
|PGP   Key: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] APRStk

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 1 Jun 2000 21:33:48 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-87958-2000.06.01-20.37.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Wow 10 people on SUNSAT tonight. 80% of them mobile!

I found out how to stop the crashing of APRStk Ver K11 so that it can run
reliably and keep everyone's mobile rigs updated on the schedule and
presence of the satellites:

* I edited my CONFIG.SYS down from 30 FILES to 10, and 20 BUFFERS to 10

And now APRStk V11 has run reliably for over 36 hours and still running
(compared to 6 before). Thus, it just needed more memory.

To see how APRStk runining on a single 286 or better PC in your area can

update the front panel displays of all Kenwood APRS radios on 144.39 to
inform users of satellites in view or to be in view in next 80
minutes see...

 http://web.usna.navy.mil/~bruninga/satinfo.html

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Re: [aprssig] Looking good on SO-35

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 1 Jun 2000 21:40:19 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        htaprs@lists.tapr.org,
        TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-87963-2000.06.01-20.43.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You beat me to it. I copied one more: N9IDH, and I noticed that 70% were
D700's. I was using APRSdos, QWF using WinAPRS, ZNL using? and VBZ using
a NMEA tracker.

My first time practicing with real APRS instead of just the mobile rig.
ANd I was keeping up with all 10 of you. I had outgoing messages to
everyone... BUT!!! I forgot to set my path to SUNSAT until the very end,
so none of you saw it! Wow, practice... practice... practice...
Cant wait till FD!   de WB4APR, Bob

On Thu, 1 Jun 2000 N4QWF@aol.com wrote:

> These are the stations seen here via SO-35 during the 21:07EDT pass this
> evening. Good group fellows.
>
> N7SFI-3
> KB2WQM
> KC8MZM-3
> WA4SSP-6
> N5ZNL
> KB0VBZ-14
> KB2WQM-9
> KU0G-9
> W3ADO
>
> Keep up the good work. 73's << John

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Shorten D7 TX Interval?

From: Ralph Milnes <milnes@openix.com>
Date: Fri, 02 Jun 2000 10:01:05 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88068-2000.06.02-09.03.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone know if it's possible or impossible to shorten the D7's TX interval?

The manual says the quickest is .5 minutes.

For a foot race, I'd like to use 7 to 10 seconds -- makes for an active
screen to those in the audience watching the race progress.

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Re: Shorten D7 TX Interval?

From: "Jon Ogden" <jono@enteract.com>
Date: Fri, 2 Jun 2000 09:46:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88078-2000.06.02-09.49.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The new "G" model upgrade lets the transmit rate go down to 10 seconds I
believe. The original D7 software doesn't allow less than 30 seconds unless
you control the D7 from a computer. And unless you have a wearable computer
while in the race, it would be kind of impractical! :-)

73,

Jon
NA9D
----- Original Message -----
From: "Ralph Milnes" <milnes@openix.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 02, 2000 9:01 AM
Subject: [htaprs] Shorten D7 TX Interval?

> Anyone know if it's possible or impossible to shorten the D7's TX
interval?
>
> The manual says the quickest is .5 minutes.
>
> For a foot race, I'd like to use 7 to 10 seconds -- makes for an active
> screen to those in the audience watching the race progress.
>
> Ralph, KC2RLM
>
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Contemplating purchasing TH-D7a(G)

From: "hasan schiers" <schiers@netins.net>
Date: Fri, 2 Jun 2000 10:17:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88085-2000.06.02-10.20.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm waiting a couple weeks for the G model to show up at Burghhardt, but
then want to buy one. I have a few questions.

1. My D700 is in the car in the parking lot. What alias does one set so
that the car will digi to and from the handi? (Settings for both please).

2. I've seen many complaints about the poor performance of the supplied
ducky ant. What would you recommend as a replacement? (and who carries
it/price?) Having never seen the factory one, (except for a quick moment),
I think I recall it using an SMA or some such special connector. Size is not
an issue (within reason), performance is. If I find myself in a space
crunch, I'll use the factory supplied antenna.

3. Any caveat emptors out there? Things I should be VERY careful with as I
use the radio?

4. I'm strongly considering getting the MAHA charger and an FB 39 or 39
battery. Any feedback on these (maha charger and maha batteries)? Any other
recommendations for extra batteries and a charger?

....and no...I don't expect the Wall Wart to both run the radio and charge
the battery <vbg>

TIA

hasan schiers, N0AN
schiers@netins.net

hasan schiers, N0AN
schiers@netins.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: "Jon Ogden" <jono@enteract.com>
Date: Fri, 2 Jun 2000 11:43:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88106-2000.06.02-11.45.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> 1. My D700 is in the car in the parking lot. What alias does one set so
> that the car will digi to and from the handi? (Settings for both please).

Just set the car up as a "RELAY." And use that as your first path. Or, put your call in the ALIAS spot and use your call as the first hop from the D7A. Just like you would any other digipeater. If your mobile is N0AN-1, then set N0AN-1 as the My Alias and have N0AN-1 as the first hop in the digi path on the D7A.

>
> 2. I've seen many complaints about the poor performance of the supplied
> ducky ant. What would you recommend as a replacement? (and who carries
> it/price?) Having never seen the factory one, (except for a quick
moment),
> I think I recall it using an SMA or some such special connector. Size is
not
> an issue (within reason), performance is. If I find myself in a space
> crunch, I'll use the factory supplied antenna.
>
The factory antenna ain't great. I have a Comet high gain antenna. It's about 15 inches long and semi flexible. It works much better but it's also very ungangly! But if you don't care about the size, then it's nice. I think it was about $25. The SMA is the correct connector.

> 3. Any caveat emptors out there? Things I should be VERY careful with as I
> use the radio?

If you plan to run mobile, get the Kenwood mobile adapter.

>
> 4. I'm strongly considering getting the MAHA charger and an FB 39 or 39
> battery. Any feedback on these (maha charger and maha batteries)? Any
other
> recommendations for extra batteries and a charger?

I have the Kenwood charger and it works good and the radio fits in real nice. A friend has the W&W charger and the radio doesn't fit in so good.

Many of the battery companies built their batteries wrong for the low voltage (6 Volt), high capacity packs. Their is a seperate spot on the back of the battery for the low voltage charging. None of the after market suppliers that I have seen used this correctly. They charge both the 6 Volt and the 9 Volt packs through the same pin. Kenwood's charger uses different pins for either 6 volt or 9 volt charging. So if you buy a 6 volt, 1800 mAH pack, you won't be able to charge it in Kenwood's charger (unless the battery companies have since corrected their error).
>
> ....and no...I don't expect the Wall Wart to both run the radio and charge
> the battery <vbg>

That's good!

73,

Jon

NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: David VanHorn <dvanhorn@cedar.net>
Date: Fri, 02 Jun 2000 11:35:30 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88109-2000.06.02-11.52.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 11:43 AM 6/2/00 -0500, Jon Ogden wrote:
>> 1. My D700 is in the car in the parking lot. What alias does one set so
>> that the car will digi to and from the handi? (Settings for both please).
>
>Just set the car up as a "RELAY." And use that as your first path. Or, put
>your call in the ALIAS spot and use your call as the first hop from the D7A.
>Just like you would any other digipeater.

I wouldn't set the car as relay, you might set it as "car" though. This
keeps it from being used by anyone in the area with relay in their path.
(probably not what you were after)
Using the callsign explicitly works, but it's longer .

It's a great little rig, once you get rid of that 'dummy load' antenna.
:)

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOTf+coFlGDz1l6VWEQKUNQCgnei//ey7DHZ4wxYVzHVvrZ7ZkhcAn1IV
HZKb1FVyXaGP7Xgymc9q0JTA
=p7oT
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 2 Jun 2000 13:22:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88142-2000.06.02-13.29.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The second part of his question was about two way transmission of packets
through his car. If he set the car to "car" then only his D7 packets go out,
He will hear nothing unless the other stations use "car" in their path
also. Am I missing something here?

 Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: David VanHorn [SMTP:dvanhorn@cedar.net]
> Sent: Friday, June 02, 2000 1:36 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)
>
> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
> At 11:43 AM 6/2/00 -0500, Jon Ogden wrote:
> >> 1. My D700 is in the car in the parking lot. What alias does one set
> so

> >> that the car will digi to and from the handi? (Settings for both
> please).
> >
> >Just set the car up as a "RELAY." And use that as your first path. Or,
> put
> >your call in the ALIAS spot and use your call as the first hop from the
> D7A.
> >Just like you would any other digipeater.
>
> I wouldn't set the car as relay, you might set it as "car" though. This
> keeps it from being used by anyone in the area with relay in their path.
> (probably not what you were after)
> Using the callsign explicitly works, but it's longer .
>
> It's a great little rig, once you get rid of that 'dummy load' antenna.
> :)
>
> - --
> Are you an ISP? Tired of spam?
> www.spamwhack.com A pre-emptive strike against spam!
>
> Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
>
> -----BEGIN PGP SIGNATURE-----
> Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>
> iQA/AwUBOTf+coFlGDz1l6VWEQKUNQCgnei//ey7DHZ4wxYVzHVvrZ7ZkhcAn1IV
> HZKb1FVyXaGP7Xgymc9q0JTA
> =p7oT
> -----END PGP SIGNATURE-----
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: "Jon Ogden" <jono@enteract.com>
Date: Fri, 2 Jun 2000 13:40:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88145-2000.06.02-13.42.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's correct. But do you "need" the car to retransmit everyone else's
stuff? I would assume that there is a digipeater nearby that would be
copyable on the HT, but yet you might not be able to reach it with just the
HT.

If you want the TM-D700 to transmit any packet it happens to hear, then you
need to set it up as a cross-band repeater (just like you would for voice).
Transmit from UHF on the TH-D7A like normal (with a normal RELAY,WIDEn-n
path or whatever) and have the TM-D700 set up as a cross-band repeater.
Then anything it hears on UHF will be transmitted on VHF and vice versa.
That would be the way to really do it.

And with the remote control features of the TM-D700A and the TH-D7A, you
could turn the x-band repeater on and off at will.

The only other way to do it would be to make the TM-D700A into a WIDE and
that probably wouldn't be too good an idea to do.

73,

Jon
NA9D
----- Original Message -----
From: "Hazen, Dwight L" <hazen@indiana.edu>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 02, 2000 1:22 PM
Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)

> The second part of his question was about two way transmission of packets
> through his car. If he set the car to "car" then only his D7 packets go
out,

> He will hear nothing unless the other stations use "car" in their path
> also. Am I missing something here?
>
> Dwight
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
>
> > -----Original Message-----
> > From: David VanHorn [SMTP:dvanhorn@cedar.net]
> > Sent: Friday, June 02, 2000 1:36 PM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)
> >
> > -----BEGIN PGP SIGNED MESSAGE-----
> > Hash: SHA1
> >
> > At 11:43 AM 6/2/00 -0500, Jon Ogden wrote:
> > >> 1. My D700 is in the car in the parking lot. What alias does one set
> > so
> > >> that the car will digi to and from the handi? (Settings for both
> > please).
> > >
> > >Just set the car up as a "RELAY." And use that as your first path.
Or,
> > put
> > >your call in the ALIAS spot and use your call as the first hop from the
> > D7A.
> > >Just like you would any other digipeater.
> >
> > I wouldn't set the car as relay, you might set it as "car" though. This
> > keeps it from being used by anyone in the area with relay in their path.
> > (probably not what you were after)
> > Using the callsign explicitly works, but it's longer .
> >
> > It's a great little rig, once you get rid of that 'dummy load' antenna.
> > :)
> >
> > - --
> > Are you an ISP? Tired of spam?
> > www.spamwhack.com A pre-emptive strike against spam!
> >
> > Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
> >
> > -----BEGIN PGP SIGNATURE-----
> > Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
> >
> > iQA/AwUBOTf+coFlGDz1l6VWEQKUNQCgnei//ey7DHZ4wxYVzHVvrZ7ZkhcAn1IV
> > HZKb1FVyXaGP7Xgymc9q0JTA
> > =p7oT
> > -----END PGP SIGNATURE-----
> >
> >
> > ---
> > You are currently subscribed to htaprs as: hazen@indiana.edu
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: David VanHorn <dvanhorn@cedar.net>
Date: Fri, 02 Jun 2000 13:26:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88146-2000.06.02-13.44.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 01:22 PM 6/2/00 -0500, Hazen, Dwight L wrote:
>The second part of his question was about two way transmission of packets
>through his car. If he set the car to "car" then only his D7 packets go out,
>He will hear nothing unless the other stations use "car" in their path
>also. Am I missing something here?

No, relay-like stations only give you a bigger mouth.
Nobody should use wide,relay as a path, but you could use wide,car since
there won't be a lot of stations called "car". Using the car callsign is
ok too, and makes the target very specific.

The ultimate solution would be a crossband digi, acting as a wide, with the
HT on 440. This would eat up an expensive mobile radio though, so it's not
for everyone.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOTgYjIFlGDz1l6VWEQLEJwCeKDUzn3lGIAXngVCXfqBWLNYjv0cAoMmk
2Of7liKv28aLE9IUgpFvoxwN
=eLcP
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: David VanHorn <dvanhorn@cedar.net>
Date: Fri, 02 Jun 2000 13:29:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88148-2000.06.02-13.47.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

>The only other way to do it would be to make the TM-D700A into a WIDE and
>that probably wouldn't be too good an idea to do.

I've done it, but only in fringe areas. It works fine, using a KPC-3 with
substitution turned on and a TM-V7. You need to remember to turn it off
before heading back to civilization though, and you definitely need a
"cheat sheet" to hit all the commands right.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOTgZOYFlGDz1l6VWEQJzYACfar4Ow7whJqu62HlKXkvcrvZqVUIAniCd
4YkZ6BUTQOwhAQh+Er5WcPOZ
=TPku
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] new question, messages through Igates.

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 2 Jun 2000 13:53:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'jono@enteract.com'" <jono@enteract.com>,
"Naab, John W"
 <jnaab@indiana.edu>,
"MIRZA, ANMAR A" <amirza@indiana.edu>
Message-ID: <LYR845-88155-2000.06.02-13.59.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon,

Now that we have a good tread going, more questions for the group.

Quite a few hams around here have D700 and D7's. When we travel outside of our RF zone (Bloomington In.) we want to send messages back to our buddies using APRS messaging. We have a local Igate K9IU-10 that is connected to the Miami server and lets say the remote ham is in a city that has an Igate connected to the Miami server also.

What is the procedure for messaging to work between the two hams? what is the path for this to work? I have my D7 on right now WB9TLH-7 if you want to try to send me a message using Igate.

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Jon Ogden [SMTP:jono@enteract.com]
> Sent: Friday, June 02, 2000 1:40 PM
> To: Hazen, Dwight L; TAPR Hot Technology APRS
> Subject: Re: [htaprs] Re: Contemplating purchasing TH-D7a(G)
>
> That's correct. But do you "need" the car to retransmit everyone else's
> stuff? I would assume that there is a digipeater nearby that would be
> copyable on the HT, but yet you might not be able to reach it with just
> the
> HT.
>
> If you want the TM-D700 to transmit any packet it happens to hear, then
> you
> need to set it up as a cross-band repeater (just like you would for
> voice).
> Transmit from UHF on the TH-D7A like normal (with a normal RELAY,WIDEn-n
> path or whatever) and have the TM-D700 set up as a cross-band repeater.
> Then anything it hears on UHF will be transmitted on VHF and vice versa.
> That would be the way to really do it.
>
> And with the remote control features of the TM-D700A and the TH-D7A, you
> could turn the x-band repeater on and off at will.
>
> The only other way to do it would be to make the TM-D700A into a WIDE and
> that probably wouldn't be too good an idea to do.
>
> 73,
>
> Jon
> NA9D
> ----- Original Message -----
> From: "Hazen, Dwight L" <hazen@indiana.edu>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Friday, June 02, 2000 1:22 PM
> Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)
>
>
> > The second part of his question was about two way transmission of
> packets
> > through his car. If he set the car to "car" then only his D7 packets go
> out,
> > He will hear nothing unless the other stations use "car" in their path
> > also. Am I missing something here?
> >
> > Dwight
> >

> >
> > Dwight L. Hazen, Indiana University, UITS
> > Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> > http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
> >
> >
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 02 Jun 2000 18:57:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88158-2000.06.02-14.05.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's correct. I think that when someone wants to send and receive APRS from a D7 using a D700 out in the parking lot as a repeater, that the crossband repeater function makes more sense than the digipeater fuction. It'll take your D700 off the network, but does it really need to be on the network while you are away from it?

Your D7 will still receive messages addressed to your D700's SSID, it just won't ack them.

(Caveat Implementor: I don't have a D700 so I can't confirm that 1200 baud afsk will pass the crossband repeater function unharmed.   I've heard some real bad things about the crossband repeater.   It sure ought to work, though...)
--
Brian

"Hazen, Dwight L" wrote:

> The second part of his question was about two way transmission of packets
> through his car. If he set the car to "car" then only his D7 packets go out,
> He will hear nothing unless the other stations use "car" in their path
> also. Am I missing something here?
>
> Dwight
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
> > -----Original Message-----
> > From: David VanHorn [SMTP:dvanhorn@cedar.net]
> > Sent: Friday, June 02, 2000 1:36 PM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)
> >
> > -----BEGIN PGP SIGNED MESSAGE-----
> > Hash: SHA1
> >
> > At 11:43 AM 6/2/00 -0500, Jon Ogden wrote:
> > >> 1. My D700 is in the car in the parking lot. What alias does one set
> > so
> > >> that the car will digi to and from the handi? (Settings for both
> > please).
> > >
> > >Just set the car up as a "RELAY." And use that as your first path. Or,
> > put
> > >your call in the ALIAS spot and use your call as the first hop from the
> > D7A.
> > >Just like you would any other digipeater.
> >
> > I wouldn't set the car as relay, you might set it as "car" though. This
> > keeps it from being used by anyone in the area with relay in their path.
> > (probably not what you were after)
> > Using the callsign explicitly works, but it's longer .
> >
> > It's a great little rig, once you get rid of that 'dummy load' antenna.
> > :)
> >
> > - --
> > Are you an ISP? Tired of spam?
> > www.spamwhack.com A pre-emptive strike against spam!

> >
> > Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
> >
> > -----BEGIN PGP SIGNATURE-----
> > Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
> >
> > iQA/AwUBOTf+coFlGDz1l6VWEQKUNQCgnei//ey7DHZ4wxYVzHVvrZ7ZkhcAn1IV
> > HZKb1FVyXaGP7Xgymc9q0JTA
> > =p7oT
> > -----END PGP SIGNATURE-----
> >
> >
> > ---
> > You are currently subscribed to htaprs as: hazen@indiana.edu
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: Brian.Badger@wcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 02 Jun 2000 18:57:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88158-2000.06.02-14.05.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's correct. I think that when someone wants to send and receive APRS from a D7 using a D700 out in the parking lot as a repeater, that the crossband repeater function makes more sense than the digipeater fuction. It'll take your D700 off the network, but does it really need to be on the network while you are away from it?

Your D7 will still receive messages addressed to your D700's SSID, it just won't ack them.

(Caveat Implementor: I don't have a D700 so I can't confirm that 1200 baud afsk will pass the crossband repeater function unharmed.   I've heard some real bad things about the crossband repeater.   It sure ought to work, though...)
--
Brian

"Hazen, Dwight L" wrote:

> The second part of his question was about two way transmission of packets
> through his car. If he set the car to "car" then only his D7 packets go out,
> He will hear nothing unless the other stations use "car" in their path
> also. Am I missing something here?
>
> Dwight
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
> > -----Original Message-----
> > From: David VanHorn [SMTP:dvanhorn@cedar.net]
> > Sent: Friday, June 02, 2000 1:36 PM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)
> >
> > -----BEGIN PGP SIGNED MESSAGE-----
> > Hash: SHA1
> >
> > At 11:43 AM 6/2/00 -0500, Jon Ogden wrote:
> > >> 1. My D700 is in the car in the parking lot. What alias does one set
> > so
> > >> that the car will digi to and from the handi? (Settings for both
> > please).
> > >
> > >Just set the car up as a "RELAY." And use that as your first path. Or,
> > put
> > >your call in the ALIAS spot and use your call as the first hop from the
> > D7A.

> > >Just like you would any other digipeater.
> >
> > I wouldn't set the car as relay, you might set it as "car" though. This
> > keeps it from being used by anyone in the area with relay in their path.
> > (probably not what you were after)
> > Using the callsign explicitly works, but it's longer .
> >
> > It's a great little rig, once you get rid of that 'dummy load' antenna.
> > :)
> >
> > - --
> > Are you an ISP? Tired of spam?
> > www.spamwhack.com A pre-emptive strike against spam!
> >
> > Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
> >
> > -----BEGIN PGP SIGNATURE-----
> > Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
> >
> > iQA/AwUBOTf+coFlGDz1l6VWEQKUNQCgnei//ey7DHZ4wxYVzHVvrZ7ZkhcAn1IV
> > HZKb1FVyXaGP7Xgymc9q0JTA
> > =p7oT
> > -----END PGP SIGNATURE-----
> >
> >
> > ---
> > You are currently subscribed to htaprs as: hazen@indiana.edu
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: Brian.Badger@wcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Mobile question.

From: "Jon + Trisha Nichols" <jtnichols1@uswest.net>
Date: Fri, 2 Jun 2000 20:36:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88200-2000.06.02-20.39.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please pardon the Newbie questions. I have the TH-D7a and am concerned about
the battery. Is there any way to get a NiMH? (I think that is how you say
the Hydride kind.) Also I have the car adapter, does it hurt the battery to
plug the unit into the car when operating? (I know you should deplete the
battery before you charge it. That is why I ask. I want to know if it will
give it a memory if I run from the car adaptor.)

Thanks,
Jon KC□GYI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: "Eric A. Cottrell" <eac@shore.net>
Date: Fri, 02 Jun 2000 19:15:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-88204-2000.06.02-20.43.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hasan schiers wrote:
>
> I'm waiting a couple weeks for the G model to show up at Burghhardt, but
> then want to buy one. I have a few questions.
>
> 1. My D700 is in the car in the parking lot. What alias does one set so
> that the car will digi to and from the handi? (Settings for both please).

You may want to try having the car relaying your ht via a non-relay/non-wide
callsign. You may be able to pick up stations as well as the car. Otherwise

cross-band repeat may work.

> 2. I've seen many complaints about the poor performance of the supplied
> ducky ant. What would you recommend as a replacement? (and who carries
> it/price?) Having never seen the factory one, (except for a quick moment),
> I think I recall it using an SMA or some such special connector. Size is not
> an issue (within reason), performance is. If I find myself in a space
> crunch, I'll use the factory supplied antenna.

I use a Pryme RD-98. It is thin wire antenna and works good.

> 3. Any caveat emptors out there? Things I should be VERY careful with as I
> use the radio?

Do not drop it head first so that the sma connector or encoder knob hits the
floor. The encoder knob is the weak link of the radio, followed by the sma
connector. I managed to break mine and found out alot of people had broken
or bent those connectors/knobs. I sent the D7A off today to be fixed and to
be upgraded. I expect the unit back in August or September due to the upgrade
flood. I would fix it myself except I did not want to figure out
where the .1 uf chip capacitor I found floating loose inside the radio goes.

> 4. I'm strongly considering getting the MAHA charger and an FB 39 or 39
> battery. Any feedback on these (maha charger and maha batteries)? Any other
> recommendations for extra batteries and a charger?

I have the standard NiCad pack and a NiMH pack. I used a Radio Shack charger
that looks like the MAHA one. It does NiCad and NiMH and has adjustable
contacts. I have no problem using it. I am really starting to like NiMH
batteries. I am also glad I bought those Sanyo 1600 mAH AA cells at 2 bucks
each at Rochester, NH instead of the at 3 to 5 bucks each price at Dayton.
Everyone seemed to be selling 1400 mAH AA cells for a buck each at Dayton but
I would rather use the 1600 mAH cells.

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Fri, 2 Jun 2000 17:52:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88224-2000.06.02-21.19.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 02, 2000 12:43 PM
Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)

> > 1. My D700 is in the car in the parking lot. What alias does one
set so
> > that the car will digi to and from the handi? (Settings for both
please).
>
> Just set the car up as a "RELAY." And use that as your first path.
Or, put
> your call in the ALIAS spot and use your call as the first hop from
the D7A.
> Just like you would any other digipeater. If your mobile is N0AN-1,
then
> set N0AN-1 as the My Alias and have N0AN-1 as the first hop in the
digi path
> on the D7A.

  No Jon, that won't work ... you have to have it respond to WIDE so
that stuff from the network gets digi-ed into the D7. The RELAY part
of the path will have been longago used up by the time anything beyond
very local get sto the D700 to be digi-ed. I set my my Program 3
toposit every 20 minutes on medium power, digi on, uidigi as
relay,wide,trace for when I am parked at school and have my D7 on
inside. When I am back out on the road my Program 1 shust down the
digi runs the power back to high, and posits every two minutes.

73 de brian, ka2bqe

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] TH-D7 Left for Upgrade

From: "Stan Slonkosky" <ke6zc@earthlink.net>
Date: Fri, 2 Jun 2000 19:24:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88226-2000.06.02-21.25.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Today I drove to the Kenwood Service Center in Cerritos and left my TH-D7 for the firmware upgrade. As reported before, the cost is $60, no checks accepted, but credit cards are. The receptionist said it should be done in 5 to 7 working days.

I also left my TM-D700. Problems developed with the cable between the control head and the main body of the unit. I replaced the connectors on both ends of the cable. I wired the cable straight through (black-white-shield-red, contacts down, cable coming out towards me) and verified it with a Microscan cable tester. I don't know if this is correct, but this is the way it appears to have been wired originally. The TM-D700 can no longer be powered up, so I left it with Kenwood as well. (No one was there who could tell me the correct wiring of the cable.) I push the reset button several times, to no avail, and I did verify that power was getting past the fuse in the wire that comes directly out of the base unit. I have to find the receipt for the unit (despite the fact that the TM-D700 has a one year warranty and only went on sale late last fall) and show it to Kenwood or I'll have to pay $50/hour plus parts for any repairs.

(By the way, my Extra Class license came in the mail today, so it looks like the FCC is getting through its backlog of those of us who passed the old Element 4B before April 15 and applied for the upgrade on April 15.)

Stan Slonkosky
KE6ZC
APRSless for now

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] Re: Mobile question.

From: "Brian B. Riley, KA2BQE" <brianbr@macconnect.com>
Date: Sat, 3 Jun 2000 00:28:11 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88248-2000.06.02-23.28.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Jon + Trisha Nichols" <jtnichols1@uswest.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 02, 2000 9:36 PM
Subject: [htaprs] Mobile question.

> Please pardon the Newbie questions. I have the TH-D7a and am concerned about
> the battery. Is there any way to get a NiMH? (I think that is how you say
> the Hydride kind.) Also I have the car adapter, does it hurt the battery to
> plug the unit into the car when operating? (I know you should deplete the
> battery before you charge it. That is why I ask. I want to know if it will
> give it a memory if I run from the car adaptor.)

I bought one from W&W Manufacturing in Hicksville NY at a Hamfest.
http://wwassociates.com

I believe Maha also makes one http://www.maha-comm.com

73 de brian, ka2bqe

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: Mobile question.

From: KK5YY@arrl.net (Gerald Schmitt)
Date: Sat, 03 Jun 2000 05:29:02 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88270-2000.06.03-00.32.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 2 Jun 2000 20:36:27 -0500, you wrote:

>Please pardon the Newbie questions. I have the TH-D7a and am concerned about
>the battery. Is there any way to get a NiMH? (I think that is how you say
>the Hydride kind.) Also I have the car adapter, does it hurt the battery to
>plug the unit into the car when operating? (I know you should deplete the
>battery before you charge it. That is why I ask. I want to know if it will
>give it a memory if I run from the car adaptor.)

W&W make a fine NiMH battery. I took one on my sojourn down the
Unalakleet river in Alaska last summer and worked every satellite
pass of AO-27 for 10 days on one charge.

This may start a discussion but in my view the NiCD "memory"
phenomenon is a bit on an "Old Husbands' Tale" the biggest
documented problem is drying out from over charging. I use
my auto adapter all the time no problems so far. I use both the
original battery and the W&W interchangeably with no issues
so far.

Hope this helps 73 Jerry KK5YY
>
>Thanks,
>Jon KCøGYI
>
>
>
>---
>You are currently subscribed to htaprs as: kk5yy@arrl.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] Re: Contemplating purchasing TH-D7a(G)

From: "hasan schiers" <schiers@netins.net>
Date: Sat, 3 Jun 2000 07:14:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88306-2000.06.03-07.26.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When in the office, the ONLY signal I will ever hear will be the D700 in the
car. The building is metal, and the nearest digi can just be worked from the
parking lot.

It is probably much more important that I hear the "network", than actually
transmit to it...although it would be nice.

Thanks to all for the fine discussion....I hope it continues to some
resolution and I will be following it closely. I'll do a separate posting
about accessories sometime today (recommended accessories). 73

hasan schiers
schiers@netins.net
N0AN

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Sent: Friday, June 02, 2000 1:40 PM
Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)

> That's correct. But do you "need" the car to retransmit everyone else's
> stuff? I would assume that there is a digipeater nearby that would be
> copyable on the HT, but yet you might not be able to reach it with just
the
> HT.
>
> If you want the TM-D700 to transmit any packet it happens to hear, then
you
> need to set it up as a cross-band repeater (just like you would for
voice).
> Transmit from UHF on the TH-D7A like normal (with a normal RELAY,WIDEn-n
> path or whatever) and have the TM-D700 set up as a cross-band repeater.
> Then anything it hears on UHF will be transmitted on VHF and vice versa.
> That would be the way to really do it.
>
> And with the remote control features of the TM-D700A and the TH-D7A, you
> could turn the x-band repeater on and off at will.
>
> The only other way to do it would be to make the TM-D700A into a WIDE and
> that probably wouldn't be too good an idea to do.
>
> 73,
>
> Jon
> NA9D
> ----- Original Message -----
> From: "Hazen, Dwight L" <hazen@indiana.edu>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Friday, June 02, 2000 1:22 PM
> Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)
>
>
> > The second part of his question was about two way transmission of
packets
> > through his car. If he set the car to "car" then only his D7 packets go
> out,
> > He will hear nothing unless the other stations use "car" in their path
> > also. Am I missing something here?
> >
> > Dwight
> >
> >
> > Dwight L. Hazen, Indiana University, UITS
> > Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> > http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
> >
> >
> > > -----Original Message-----
> > > From: David VanHorn [SMTP:dvanhorn@cedar.net]
> > > Sent: Friday, June 02, 2000 1:36 PM
> > > To: TAPR Hot Technology APRS
> > > Subject: [htaprs] Re: Contemplating purchasing TH-D7a(G)
> > >
> > > -----BEGIN PGP SIGNED MESSAGE-----
> > > Hash: SHA1
> > >
> > > At 11:43 AM 6/2/00 -0500, Jon Ogden wrote:
> > > >> 1. My D700 is in the car in the parking lot. What alias does one
set
> > > so
> > > >> that the car will digi to and from the handi? (Settings for both
> > > please).
> > > >
> > > >Just set the car up as a "RELAY." And use that as your first path.
> Or,
> > > put
> > > >your call in the ALIAS spot and use your call as the first hop from
the
> > > D7A.
> > > >Just like you would any other digipeater.
> > >
> > > I wouldn't set the car as relay, you might set it as "car" though.
This
> > > keeps it from being used by anyone in the area with relay in their
path.

> > > (probably not what you were after)
> > > Using the callsign explicitly works, but it's longer .
> > >
> > > It's a great little rig, once you get rid of that 'dummy load'
antenna.
> > > :)
> > >
> > > - --
> > > Are you an ISP? Tired of spam?
> > > www.spamwhack.com A pre-emptive strike against spam!
> > >
> > > Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
> > >
> > > -----BEGIN PGP SIGNATURE-----
> > > Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
> > >
> > > iQA/AwUBOTf+coFlGDz1l6VWEQKUNQCgnei//ey7DHZ4wxYVzHVvrZ7ZkhcAn1IV
> > > HZKb1FVyXaGP7Xgymc9q0JTA
> > > =p7oT
> > > -----END PGP SIGNATURE-----
> > >
> > >
> > > ---
> > > You are currently subscribed to htaprs as: hazen@indiana.edu
> > > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> > ---
> > You are currently subscribed to htaprs as: jono@enteract.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: Mobile question.

From: Jon Ogden <jono@enteract.com>
Date: Sat, 03 Jun 2000 10:12:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88320-2000.06.03-10.13.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/2/00 8:36 PM, Jon + Trisha Nichols at jtnichols1@uswest.net wrote:

> Please pardon the Newbie questions. I have the TH-D7a and am concerned about
> the battery. Is there any way to get a NiMH? (I think that is how you say
> the Hydride kind.)

I think so. Check with the different battery folks.

>Also I have the car adapter, does it hurt the battery to
> plug the unit into the car when operating?

NO! It's fine.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: Mobile question.

From: "Loyd C. Headrick" <kf4ugt@bellsouth.net>
Date: Sat, 3 Jun 2000 13:32:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88344-2000.06.03-12.34.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A different way to connect power would be get a dry cell case for radio make
a battery elimnator like cell phone use might have to drop the voltage some
12 v to 9.6 say but will work without the worry over battery memory problems
I work rescue and use a similar setup for my radio to a power pocket supply
on long calls

have fun
Loyd
kf4ugt

- Original Message -----
From: Jon + Trisha Nichols <jtnichols1@uswest.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, June 02, 2000 9:36 PM
Subject: [htaprs] Mobile question.

> Please pardon the Newbie questions. I have the TH-D7a and am concerned
about
> the battery. Is there any way to get a NiMH? (I think that is how you say
> the Hydride kind.) Also I have the car adapter, does it hurt the battery
to
> plug the unit into the car when operating? (I know you should deplete the
> battery before you charge it. That is why I ask. I want to know if it will
> give it a memory if I run from the car adaptor.)
>
> Thanks,
> Jon KCøGYI
>
>
>
> ---
> You are currently subscribed to htaprs as: kf4ugt@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] TH-D7(G)

From: "Michael Jones" <mjones@hughes.net>
Date: Sat, 3 Jun 2000 23:43:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88473-2000.06.04-01.46.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My apolgies if this has already been mentioned, I haven't had a chance to
keep up on the sig for a few days.

For those of you looking for the G version manual supplement, it is
available at the Kenwood website. But, the English version is in Spanish.
So, on a whim I checked the Spanish version...its in English.

73,
Mike
KF6SWI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] D7 FAQ's & personal findings de K9FI...

From: "Fonte, James" <JFonte@universalaccess.net>
Date: Sun, 4 Jun 2000 06:00:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88492-2000.06.04-06.05.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all!

RE: the OEM-supplied rubber antenna ---
I am gratified to see that others agree with my opinion of Kenwood's supplied antenna (that it is a very poor performer). After working out a procedure of using the MFJ-259B antenna analyzer to "test" the relative tuning of any rubber-duck antenna (that is, determining its 50 ohm resonance vs. tuning), and testing literally dozens of BNC terminated and SMA terminated rubber antennas, I find that the OEM-antenna supplied with the YAESU VX5R (without using the 6m top coil, just the small end-cap) is the BEST PERFORMER (as a reasonable-length pocket antenna). One can purchase individual VX5R SMA-antenna(s) from Yaesu for $23.40 + shipping. Several of my friends who own D7's & G-71's have taken my advice and replaced their Kenwood antenna(s) with the VX5R antenna(s) and are VERY PLEASED with the results. BTW...the original Kenwood antenna shows its 50 ohm resonance at 160-162 MHz. --- the Yaesu VX5R antenna shows its 50 ohm resonance at 146.5 +/-, 1.2/1 VSWR (or less) across 144-148 MHz..

RE: a source for 2.5mm male 'stereo' plugs (for the GPS I/O port, or the computer port) for the D7 ---
Go to www.surplussales.com : order part (CNA)2.5MMSP - $1.95 each (or 1.75 each for 10-24 pieces)
These folks also have a BIG VARIETY of SMA connectors for direct-cable attachment, and all sorts of SMA-to-whatever adapters

RE: battery chargers --
I sure do like my MAHA MH-C777 universal charger..."smart" charging, battery-conditioning, good price. Also, MAHA's after-market NiMH packs for the G71/D7 series are good performers.

LASTLY --- collective opinion(s) wanted (WB4APR, your thoughts too PLEASE) ---
I am using a PACKET PATH statement on my D7 as "RELAY, WIDE, TRACE" ---- and I seem to be able to maintain accessibility in most parts of the country. The question is "Is there a 'preferred' universal statement to be used to maximize the process, while minimizing the 'bandwidth', or a series of different statements to be used under different APRS-conditions?"

73!
Jim, K9FI

Jim Fonte, K9FI - Sr. Mgr., ISP/OSP
UTX Engineering
Universal Access, Inc.
http://www.universalaccess.net
100 North Riverside Plaza - suite 2200
Chicago, IL 60606
Office: 312.660.3639
CellPhone: 312.925.1824
mailto:jfonte@universalaccess.net
mailto:k9fi@arrl.net

34. [htaprs] Garmin Plug

From: "Sam Stimson" <n5wu@worldnet.att.net>
Date: Sun, 4 Jun 2000 10:10:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88543-2000.06.04-10.13.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know where to buy the 4 pin plug that goes into the Garmin GPSIII Plus? I am moving my D700 to the back of my small SUV and I need to make a real long cable.....

Sam Stimson
N5WU
K2 #189 ARCI #9859 FISTS #6658
NJ QRP #171 ZOMBIE #726 TAPR#8060
Straight Key Wrangler

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: Garmin Plug

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sun, 04 Jun 2000 08:17:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-88545-2000.06.04-10.21.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://pfranc.com/ has plugs and good info on wiring the connectors
Glenn, KG7IL in Renton Wa.

Sam Stimson wrote:

> Does anyone know where to buy the 4 pin plug that goes into the Garmin
> GPSIII Plus? I am moving my D700 to the back of my small SUV and I need to
> make a real long cable.....
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Re: D7 FAQ's & personal findings de K9FI...

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 4 Jun 2000 11:24:18 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-88548-2000.06.04-10.27.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 4 Jun 2000, Fonte, James wrote:

> LASTLY --- collective opinion(s) wanted (WB4APR, your thoughts too PLEASE)
> ---
> I am using a PACKET PATH statement on my D7 as "RELAY, WIDE, TRACE" ---- and
> I seem to be able to maintain accessibility in most parts of the country.
> The question is "Is there a 'preferred' universal statement to be used to
> maximize the process, while minimizing the 'bandwidth', or a series of
> different statements to be used under different APRS-conditions?"

Simple answer.... Yes...

;-) Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: D7 FAQ's & personal findings de K9FI...

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Sun, 4 Jun 2000 10:29:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88553-2000.06.04-11.55.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James wrote:
> ...collective opinion(s) wanted...
> ...PACKET PATH...D7...
> ...RELAY, WIDE, TRACE...

Bob Bruninga wrote:
> > Simple answer.... Yes...
> >
> > ;-) Bob

Lumpy adds:
Yup!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] Mounting TM-D700A control head

From: "John Shinall" <k4yk@arrl.net>
Date: Sun, 4 Jun 2000 13:46:23
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88580-2000.06.04-13.49.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am looking for various ways to mount the control head without placing it
on top of the dash.

My vehicle is a Dodge Durango with a control head for my Yaesu FT-100
mounted on a flexible stalk at the front edge of the console. The base of
the stalk is mounted in the center cup holder at the base of the console.

Any suggestions?

73,

John, K4Yk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: Mounting TM-D700A control head

From: Gun Steele WØGUN <w0gun@arrl.net>
Date: Sun, 4 Jun 2000 18:48:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88645-2000.06.04-18.51.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John,
    Too bad you don't have the FT-100 complete unit mounted where you can
see it, as the D700 display mounts under the Yaesu perfectly with two L
brackets. The National brand 1½" x 5/8" Corner Braces #N113-134 V115 are
just about a perfect fit thru the gap presented by the fold down feet of the
FT-100. Their thickness is just perfect and a little width must be removed
for a slide fit. A ¼" thickness of wood spacer stuck to the bottom of the
Yaesu keeps the braces and therefore the feet from flipping back. I then
removed the part of the D700 bracket that isn't needed and bridged between
the two braces with some light gauge aluminum to which the necessary dual
band bracket can be affixed. The best part of the installation is the fact
that the complete assembly can be slipped from the FT-100 so that the Yaesu
(mounted on Gamber Johnson slide mount), can be moved to other locations. By
the way, all of my radios are installed with the GJ mounts; which makes
things much nicer to swap between vehicles. I even have the vehicle mounts
in the shack, so that any unit can be taken there also.

Gun Steele WØGUN
GUNTRONICS
----- Original Message -----
From: "John Shinall" <k4yk@arrl.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, June 04, 2000 1:46 PM
Subject: [htaprs] Mounting TM-D700A control head

>
> I am looking for various ways to mount the control head without placing it
> on top of the dash.
>
> My vehicle is a Dodge Durango with a control head for my Yaesu FT-100
> mounted on a flexible stalk at the front edge of the console. The base of
> the stalk is mounted in the center cup holder at the base of the console.
>
> Any suggestions?
>
> 73,
>
> John, K4Yk
>
> ---
> You are currently subscribed to htaprs as: w0gun@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Re: Garmin Plug

From: "Bryce L. Bills" <Iakovos@prodigy.net>
Date: Sun, 4 Jun 2000 20:08:39 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88649-2000.06.04-19.04.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can get all the materials you would need for the cables at
http://www.mouser.com .
----- Original Message -----
From: "Sam Stimson" <n5wu@worldnet.att.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, June 04, 2000 11:10
Subject: [htaprs] Garmin Plug

> Does anyone know where to buy the 4 pin plug that goes into the Garmin
> GPSIII Plus? I am moving my D700 to the back of my small SUV and I need to
> make a real long cable.....
>
>
> Sam Stimson
> N5WU
> K2 #189 ARCI #9859 FISTS #6658
> NJ QRP #171 ZOMBIE #726 TAPR#8060
> Straight Key Wrangler
>
>
> ---
> You are currently subscribed to htaprs as: kd7fgg@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: D7 FAQ's & personal findings de K9FI...

From: "Jim Fonte, K9FI" <jfonte@universalaccess.net>
Date: Sun, 4 Jun 2000 19:14:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88654-2000.06.04-19.17.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob & Lumpy...

You guys are great!!

~:?)

I know, I know...every moment of pleasure has to be purchased with an equal
moment of pain!!

...Jim, K9FI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: Garmin Plug

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Sun, 4 Jun 2000 20:18:03 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-88657-2000.06.04-19.22.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mouser sells the cables for the D7/D700..

http://www.pfranc.com   (purple computing) sells the Garmin
Connector. It is a very nice connector.

Also, I sell pre-made cables for use with Garmin GPS units and the
Kenwood D7 and D700.. My cables have power as an option, and now,
(new) a cigarette plug on the end of the power cable..

Keith Sproul

>You can get all the materials you would need for the cables at
>http://www.mouser.com .
>----- Original Message -----
>From: "Sam Stimson" <n5wu@worldnet.att.net>
>To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
>Sent: Sunday, June 04, 2000 11:10
>Subject: [htaprs] Garmin Plug
>
>
> > Does anyone know where to buy the 4 pin plug that goes into the Garmin
> > GPSIII Plus? I am moving my D700 to the back of my small SUV and I need to
> > make a real long cable.....
> >
> >
> > Sam Stimson
> > N5WU
> > K2 #189 ARCI #9859 FISTS #6658
> > NJ QRP #171 ZOMBIE #726 TAPR#8060
> > Straight Key Wrangler
> >
> >
> > ---
> > You are currently subscribed to htaprs as: kd7fgg@arrl.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
>
>---
>You are currently subscribed to htaprs as: ksproul@vger.rutgers.edu
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Callsign Change

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 6 Jun 2000 17:35:58 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89175-2000.06.06-16.38.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

By the time most of you read this the callsign on the KA2BQE-3 APRS
WideN-N digi and weather station will have been changed to N1BQ-3 and
my mobile D700 and Handheld D7 calls will be N1BQ-8 and N1BQ-7
respectively.

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] APRS SA

From: "Nick Bettis" <bettisnick@cs.com>
Date: Tue, 6 Jun 2000 16:48:11
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89180-2000.06.06-16.51.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I realize that this is the wrong SIG but this is the one that I am
subscribed to. At home I run APRS SA with a KPC-3. Yesterday, when I turned
my system on, after being off for a couple of days, the computer is not
printing received packets from the TNC. My settings seem to be correct. I'm
stumped so suggestions would be appreciated.
Thanks,

Nick Bettis
KR4MS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Going Digital... Ham Radio?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 6 Jun 2000 18:28:55 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89188-2000.06.06-17.32.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Packet Radio Affectionados,

   We have had packet radio for 22 years and yet we are seeing a decline
of digital operations on HAM radio (with some exceptions) at the same time
that we are seeing an Explosion of Wireless digital applications in the
consumer market.

We are not doing a good job of promoting nor explaining what digital
is all about. The following message I received says it all...

> 26 May, 2000
> From: [not published, but with permission]
> Bob,
>
> I really enjoyed your Op-Ed published in June's QST "Going Digital".
> I'm one of those hams who knows nothing about TNCs and how to use them.
> I've been searching the Internet and asking around and have yet to find
> a comprehensive source for information on it. All I want to do is
> connect my computer to my HT and connect to other hams doing the same.
>
> The lack of information seems to be pervasive. I'm a member of a newly
> formed club of hams working at Microsoft in Redmond, WA and when I
> suggested that a monthly meeting be dedicated to a demonstration of
> packet radio, we found that nobody in our 80 member club had either the
> equipment or the knowledge to present the topic....
> Sincerely
> [name on file]

If HAMS at Microsoft are not familiar with Packet Radio, then it is easy
to see why we are where we are today with amateur packet radio... With
all the world going digital and Now that Kenwood and ALinco are making
off-the-shelf 9600 baud systems, AMATEUR PACKET RADIO IS ONLY BEGINNING!
Lets reach out....

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] RE Kenwood THD7E Firmware Upgrade in Aust

From: "Dennis James" <denniswj@hunterlink.net.au>
Date: Wed, 7 Jun 2000 10:51:52 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "HT APRS LIST" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89214-2000.06.06-19.55.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After talking to the sales manager at Kenwood Aust, I have decided not to
persue the above with them.

Although I am extremely disappointed, I will make a attempt in getting radio
to Japan or the States for upgrade.

If anyone can find out a email contact for Kenwood Japan I would be
appreciated.

Dennis

VK2DOR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Re: RE Kenwood THD7E Firmware Upgrade in Aust

From: "Travis J. Maclay" <travis@btea.org>
Date: Tue, 6 Jun 2000 21:01:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-89215-2000.06.06-20.03.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hope one of these two help:

Kenwood Corporation (Head Office)
14-6 Dogenzaka 1-chome
Shibuya-ku
Tokyo, 150 Japan
Tel: 81(03)5457-7111
Fax: 81(03)5457-7110

International Marketing Division
14-6, Dogenzaka 1-chome
Shibuya-ku
Tokyo, 150 Japan
Tel: 81(03)5457-7003
Fax: 81(03)5457-7000
TELEX: J22913 Kenwood, J22429
Internet:http://www.kenwoodcorp.com

----- Original Message -----
From: "Dennis James" <denniswj@hunterlink.net.au>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "HT APRS LIST" <htaprs@lists.tapr.org>
Sent: Tuesday, June 06, 2000 8:51 PM
Subject: [htaprs] RE Kenwood THD7E Firmware Upgrade in Aust

> After talking to the sales manager at Kenwood Aust, I have decided not to
> persue the above with them.
>
> Although I am extremely disappointed, I will make a attempt in getting
radio
> to Japan or the States for upgrade.
>
> If anyone can find out a email contact for Kenwood Japan I would be
> appreciated.
>
> Dennis
>
> VK2DOR
>
>
> ---
> You are currently subscribed to htaprs as: travis@btea.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: APRS SA (not displaying received packets)

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Tue, 06 Jun 2000 18:18:56 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89218-2000.06.06-20.22.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I run APRS+SA 9.22 with a KPC-3+ 8.3 and have not yet
experienced that error.
I have however, continually get a PARSE ERROR from certain

packets...

Questions:
Do you get any kind of message box indicating an error?

Does the TNC seem to be receiving and transmitting any relay
packets?

Does the TNC Tab display any incoming packets?

Does the APRS+SA program appear locked or is it otherwise
normal?

Glenn, KG7IL in Renton, Washington
http://kg7il.foxinternet.net

Nick Bettis wrote:

> I realize that this is the wrong SIG but this is the one that I am
> subscribed to. At home I run APRS SA with a KPC-3. Yesterday, when I turned
> my system on, after being off for a couple of days, the computer is not
> printing received packets from the TNC. My settings seem to be correct. I'm
> stumped so suggestions would be appreciated.
> Thanks,
> Nick Bettis
> KR4MS
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: [OZAPRS] RE Kenwood THD7E Firmware Upgrade in Aust

From: vk2two@optusnet.com.au
Date: Wed, 7 Jun 2000 11:21:07 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "HT APRS LIST" <htaprs@lists.tapr.org>, andrew.scott@cwo.com.au
Message-ID: <LYR845-89221-2000.06.06-20.24.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think we are all a little dissapointed with Kenwood Australia on this issue. I am very dissapointed with Stewart Lowe's response in his email. I asked the question of the upgrade, was this a recall, was it a product defect refectifaction, and inquired if this was the case then taking the issue up with consumer affairs might have been a viable option. We now know that its a firmware upgrade thats not a fault, but a development of technology. And that it is a costly upgrade. I do however question the ability of the kenwood australia service department to fix any problems with equipment that they sell if any equipment specific products will not be purchased and a sorry not our problem response given?.

There was a comment that this is what gives amateur radio a bad name, i dont believe this is the case eihter, This is the sought of thing that is pulling the hobby back. When one of the BIG THREE world wide manafactures wont support a product, or wont provide assistance through its company to support a product, (since Kenwood Australia is part of the Kenwood Corporation worldwide). To help solve a problem or investigate ways to help consumers of its product we have to think if we are prepared to purchase products from that company again.

I think Kenwood Australia are being very short sighed, Kenwood produce more than amateur radio products. I know that I will never again purchase kenwood comercial communications equipment (i am in a position where millions of dollars worth of such items will now go elsewhere), kenwood radio and audio products or kenwood whitegoods. I will also pass this request onto friends and business associates and recomend that kenwood not even be considered as Im not confidant that they will be able to provide support and service, as their opinion appears to be "not our problem, tell someone who cares"

I think this is a sign of kenwoods attitude in australia. Kenwood have not advertised Amateur radio products in the marketplace for well over 3 years now. They have some of the most advanced and leading edge equipment in the marlet place. But I think Its their loss.

Andrew Scott
VK2TWO

> After talking to the sales manager at Kenwood Aust, I have decided not to
> persue the above with them.
> Although I am extremely disappointed, I will make a attempt in getting radio
> to Japan or the States for upgrade.
> If anyone can find out a email contact for Kenwood Japan I would be
> appreciated.
> Dennis
> VK2DOR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] APRS SA (not displaying received packets)

From: "Nick Bettis" <bettisnick@cs.com>
Date: Wed, 7 Jun 2000 4:35:55
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89283-2000.06.07-04.38.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TNC is receiving and transmitting received relay packets. The computer
is talking to the TNC but the TNC is not talking to the computer. All
parameters seem to be correct and it started happening out of the blue.
Suggestions are much appreciated.
Nick, KR4MS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] RE: Going Digital... Ham Radio?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 7 Jun 2000 09:58:11 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89308-2000.06.07-09.01.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I agree with your comments. The general lack of information is not limited
to packet, but is a nagging problem throughout the field. As an example, is
anyone satisfied with the APRS handbook distributed by ARRL? I find the
book to lack detail. There's a lot of nice information concerning various
software packages out there, but little else. The other ARRL books lack
detail also, or they provide specific detail on certain aspects of radio
operation without giving the subject an adequate overview. Most of them
repeat information that is already available in the ARRL handbook, but add
little. The only way to get sufficient detail is to research it yourself
and to join user groups such as this.

Several weeks ago, I sent a letter to QST which asked them to publish a
series of articles on each band. Each month, they could cover a specific
band, and discuss propogation, band plan, general usage, antennas, and other
technical details that are specific to that band. Their response indicated
that they considered the suggestion to be too difficult to implement.

If anyone finds a good reference book for packet, please let me know.

73's
Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Bob Bruninga
Sent: Tuesday, June 06, 2000 6:29 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Going Digital... Ham Radio?

Packet Radio Affectionados,

   We have had packet radio for 22 years and yet we are seeing a decline
of digital operations on HAM radio (with some exceptions) at the same time
that we are seeing an Explosion of Wireless digital applications in the
consumer market.

We are not doing a good job of promoting nor explaining what digital
is all about. The following message I received says it all...

> 26 May, 2000
> From: [not published, but with permission]
> Bob,
>
> I really enjoyed your Op-Ed published in June's QST "Going Digital".
> I'm one of those hams who knows nothing about TNCs and how to use them.
> I've been searching the Internet and asking around and have yet to find
> a comprehensive source for information on it. All I want to do is
> connect my computer to my HT and connect to other hams doing the same.

>
> The lack of information seems to be pervasive. I'm a member of a newly
> formed club of hams working at Microsoft in Redmond, WA and when I
> suggested that a monthly meeting be dedicated to a demonstration of
> packet radio, we found that nobody in our 80 member club had either the
> equipment or the knowledge to present the topic....
> Sincerely
> [name on file]

If HAMS at Microsoft are not familiar with Packet Radio, then it is easy
to see why we are where we are today with amateur packet radio... With
all the world going digital and Now that Kenwood and ALinco are making
off-the-shelf 9600 baud systems, AMATEUR PACKET RADIO IS ONLY BEGINNING!
Lets reach out....

de WB4APR, Bob

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] RE: Going Digital... Ham Radio?

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Wed, 7 Jun 2000 09:44:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89314-2000.06.07-09.47.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two ARRL books, "Practical Packet Radio" and "APRS Tracks, Maps and Mobiles" are comprehensive books dealing with packet radio and APRS, respectively. Both books provide a lot of detailed information not found anywhere else. I can assure you that these books do NOT repeat information already available in the ARRL handbook. I know because I wrote both books from scratch and did not beg, borrow, or steal information from other author's works.

Stan "tooting my own horn" Horzepa, WA1LOU

-----Original Message-----
From: Richard Carter [mailto:rich.carter@windriver.com]
Sent: Wednesday, June 07, 2000 9:58 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: Going Digital... Ham Radio?

I agree with your comments. The general lack of information is not limited
to packet, but is a nagging problem throughout the field. As an example, is
anyone satisfied with the APRS handbook distributed by ARRL? I find the
book to lack detail. There's a lot of nice information concerning various
software packages out there, but little else. The other ARRL books lack
detail also, or they provide specific detail on certain aspects of radio
operation without giving the subject an adequate overview. Most of them
repeat information that is already available in the ARRL handbook, but add
little. The only way to get sufficient detail is to research it yourself
and to join user groups such as this.

Several weeks ago, I sent a letter to QST which asked them to publish a
series of articles on each band. Each month, they could cover a specific
band, and discuss propogation, band plan, general usage, antennas, and other
technical details that are specific to that band. Their response indicated
that they considered the suggestion to be too difficult to implement.

If anyone finds a good reference book for packet, please let me know.

73's
Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org

[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Bob Bruninga
Sent: Tuesday, June 06, 2000 6:29 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Going Digital... Ham Radio?

Packet Radio Affectionados,

   We have had packet radio for 22 years and yet we are seeing a decline
of digital operations on HAM radio (with some exceptions) at the same time
that we are seeing an Explosion of Wireless digital applications in the
consumer market.

We are not doing a good job of promoting nor explaining what digital
is all about. The following message I received says it all...

> 26 May, 2000
> From: [not published, but with permission]
> Bob,
>
> I really enjoyed your Op-Ed published in June's QST "Going Digital".
> I'm one of those hams who knows nothing about TNCs and how to use them.
> I've been searching the Internet and asking around and have yet to find
> a comprehensive source for information on it. All I want to do is
> connect my computer to my HT and connect to other hams doing the same.
>
> The lack of information seems to be pervasive. I'm a member of a newly
> formed club of hams working at Microsoft in Redmond, WA and when I
> suggested that a monthly meeting be dedicated to a demonstration of
> packet radio, we found that nobody in our 80 member club had either the
> equipment or the knowledge to present the topic....
> Sincerely
> [name on file]

If HAMS at Microsoft are not familiar with Packet Radio, then it is easy
to see why we are where we are today with amateur packet radio... With
all the world going digital and Now that Kenwood and ALinco are making
off-the-shelf 9600 baud systems, AMATEUR PACKET RADIO IS ONLY BEGINNING!
Lets reach out....

de WB4APR, Bob

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: STAN_HORZEPA@ADC.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] RE: Going Digital... Ham Radio?

From: Mark Phillips <Mark.Phillips@royalblue.com>
Date: Wed, 7 Jun 2000 12:22:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89363-2000.06.07-11.51.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think that its too little too late. We have had 9k6 packet for how many
years now? certainly more than 10 and yet still today manufacturers sell
1200bd products.

The biggest problem is that the majority of users want off the shelf
equipment at a bargain price and that manufacturers are not prepared to
commit resources to something that is a 'passing fad'. How long was it until
Kenwood came out with a APRS radio? They sat and waited to see if APRS would
catch on and then commited some resources to it. Not too many resources
either judging by the way in which the early models had problems.

In the UK we are seeing a resurgence in packet after a long period of
decline. This is main due to the RSGB's Data Communications Commitee. These
chaps are tasked with network planning for the whole country. By creating a
new sub-band plan for data they have been able to make the choked network
move quite a bit quicker than it did. Users are now coming back to the mode
as it works for them. Also, the rise in IP stations has helped as they are
more bandwidth efficient than the regular FBB type BBS's.

My point is that all these things should have been done a long time ago.
Rather than being done now. At some point we have to stop being a
grass-roots organisation and become a mega corp. MAybe then we can push the
hobby rather than drag it.

Mark Phillips, G7LTT

>If HAMS at Microsoft are not familiar with Packet Radio, then it is easy
>to see why we are where we are today with amateur packet radio... With
>all the world going digital and Now that Kenwood and ALinco are making
>off-the-shelf 9600 baud systems, AMATEUR PACKET RADIO IS ONLY BEGINNING!
>Lets reach out....

>de WB4APR, Bob

You are currently subscribed to htaprs as: mark.phillips@royalblue.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

****
******
"This message is intended only for the stated addressee(s) and may be confidential. Access to this
email by anyone else is unauthorised. Any opinions expressed in this email do not necessarily reflect
the opinions of royalblue. Any unauthorised disclosure, use or dissemination, either whole or in part
is prohibited.   If you are not the intended recipient of this message, please notify the sender
immediately."
****
******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] D700 MESSAGE Keyboard

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 7 Jun 2000 13:04:33 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Byon Garrabrant <byon@mail.com>, htaprs@lists.tapr.org
Message-ID: <LYR845-89364-2000.06.07-12.07.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We have John Hansen and Byon Garrabrant working on a stand-alone message
keyboard for the D700. There are two approaches.

1) Generate TTones to duplicate the functions available on the Microphone
2) Generate radio control commands on the serial port to "load" the
message memories.

I know that the commands exist. But I remember seeing some message
traffic about it not being exactly straight-forward. If anyone has any
experience with using the Serial port to upload messages, please let us
konw of any "gotcha's you have run into..

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Making the big switch

From: David VanHorn <dvanhorn@cedar.net>
Date: Wed, 07 Jun 2000 16:36:31 -0700

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89423-2000.06.07-16.54.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

I've finally decided to begin the migration to linux.
I have a server 300 miles away from me that is running RH6.1 and hasnt been
rebooted since february...

I'm going to start by migrating my "B" machine, the one that is connecting
me (on the "A" machine) to the internet via connection sharing (two nics)
and performing the igate functions.

To that end, I need to get current on APRS under Linux, and Igating under
Linux.

Can anyone help me out?

(But first I have to solve an annoying video problem that's holding up the
whole show)

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOT7cf4FlGDz1l6VWEQKrKACcD+w7TifGV53f5mIWE/bSdqDzoKsAnRJw
yOObf4gq5IKLJZqvmypZdbPW
=INYr
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Upgraded TH-D7A(G)

From: "Stan Slonkosky" <ke6zc@earthlink.net>
Date: Wed, 7 Jun 2000 15:43:49 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89434-2000.06.07-17.44.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I left my TH-D7A at Kenwood on Friday afternoon and it was upgraded to a
TH-D7A(G) by Tuesday morning.

One of the new menu items is 2-O, Setting UTC Offset. When I first saw this,
I thought, good, Kenwood must have added a real time clock, but that seems
to be a wrong assumption on my part. What then is the purpose of the this
Time Zone setting?

During a Sunsat pass this morning (around 7 a.m. PDT), I thought I put the
D7 into 9600 bps mode. At least that's what the indicator said. I heard
several data bursts on 145.825 MHz, but decoded nothing. I was suprised to
see that when reset the frequency to 144.390 MHz, it started decoding data.
I switched it back to 1200 bps and it continued to decode data. This
afternoon, I switched it back to 9600 bps and it did not decode anything on
145.390, but when I went back to 1200 bps it did. I guess that this morning
the D7 was misbehaving, but that now it's working correctly.

Stan Slonkosky
KE6ZC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] D7A upgrade turnaround

From: "stridr" <stridr@optonline.net>
Date: Wed, 7 Jun 2000 18:43:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-89436-2000.06.07-17.47.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,

Thought you'd be interested to know that the turnaround, at least in the
Kenwood East service center is fast.

According to UPS, my D7 was delivered to Kenwood at 10:00 am Friday, and
according to Kenwood, it was shipped out to me yesterday (Tuesday). I
believe that's less than a two working day turnaround.

Howard

Help eradicate Pediatric Brain Tumors
Support our ride 20 Aug 2000
http://go.to/nerfk

Howard Hecht   W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] Re: Upgraded TH-D7A(G)

From: David VanHorn <dvanhorn@cedar.net>
Date: Wed, 07 Jun 2000 17:47:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89438-2000.06.07-17.51.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

>One of the new menu items is 2-O, Setting UTC Offset. When I first saw this,
>I thought, good, Kenwood must have added a real time clock, but that seems
>to be a wrong assumption on my part. What then is the purpose of the this
>Time Zone setting?

That's amusing!

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOT7tB4FlGDz1l6VWEQLpxACeIM5KFUDK5igu/sIUv+VkFu1r4FEAn1rd
jTRfpCSfruej/4WM7QsGLaD2
=ZbQo
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: D7A upgrade turnaround

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 7 Jun 2000 18:56:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89439-2000.06.07-17.59.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

They (East coast) got mine on Wednesday and I haven't seen it yet ...
how do they ship?? UPS??? or USPS???

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)

<http://www.wulfden.org>

----- Original Message -----
From: "stridr" <stridr@optonline.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, June 07, 2000 6:43 PM
Subject: [htaprs] D7A upgrade turnaround

> All,
>
> Thought you'd be interested to know that the turnaround, at least in
the
> Kenwood East service center is fast.
>
> According to UPS, my D7 was delivered to Kenwood at 10:00 am Friday,
and
> according to Kenwood, it was shipped out to me yesterday (Tuesday).
I
> believe that's less than a two working day turnaround.
>
> Howard
> ----------------------------
> Help eradicate Pediatric Brain Tumors
> Support our ride 20 Aug 2000
> http://go.to/nerfk
>
> Howard Hecht   W1HO
> P.O. Box 3483 Milford, CT 06460-0943
>
> Co-Task Force Leader New England Ride for Kids
>
>
>
> ---
> You are currently subscribed to htaprs as: brianbr@macconnect.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: D700 MESSAGE Keyboard

From: "<Walter> <Dunckel>" <walterd@radiohound.com>
Date: Wed, 7 Jun 2000 18:3:58
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89441-2000.06.07-18.07.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know te TH-D7 accepts these serial commands easily, and I expect the
TM-D700 does too. The TH-D7 command is...
AMSG 00,KD6VYV-7,Text message goes here
The 00 tells the radio to enter the message as an outgoing message (any
other number such as AMSG 01 will READ the corresponding message. KD6VYV-7
is the station you wish to send to.
I don't own a TM-D700 so I can't tell you if the command is going to be the
same. Anyone want to give it a try (Remember you will need the return
character at the end if you are programing a Pic chip - chr(13)).I would
think that serial commands would be the way to go.

On 06/07/00, "Bob Bruninga <bruninga@nadn.navy.mil>" wrote:
> 1) Generate TTones to duplicate the functions available on the Microphone
> 2) Generate radio control commands on the serial port to "load" the
> message memories.
>
> I know that the commands exist. But I remember seeing some message
> traffic about it not being exactly straight-forward. If anyone has any
> experience with using the Serial port to upload messages, please let us
> konw of any "gotcha's you have run into..
>
> de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: Upgraded TH-D7A(G)

From: "Tom Hoedjes" <al0l@arrl.net>
Date: Thu, 8 Jun 2000 07:14:17 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89499-2000.06.08-00.18.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Stan Slonkosky <ke6zc@earthlink.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Donnerstag, 8. Juni 2000 00:43
Subject: [htaprs] Upgraded TH-D7A(G)

> One of the new menu items is 2-O, Setting UTC Offset. When I first saw this,
> I thought, good, Kenwood must have added a real time clock, but that seems
> to be a wrong assumption on my part. What then is the purpose of the this
> Time Zone setting?

Same as the D700.. Your GPS is only receiving UTC with this offset you can program local time in your trx
and set the time in the trx by gps. In that case you have a total accurat clock...

73 de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] D700 error in position string

From: "G.W. Hester" <waynewx@c2i2.com>
Date: Thu, 8 Jun 2000 5:14:12
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89519-2000.06.08-05.30.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My D700 is sending an erroneous position data string using the unproto of APK101. When this data is transmitted the lat, long are wrong. When the radio attaches APK101 to the string, the error occurs. Normal position data is fine. The error string occurs randomly. This error was discovered by using the AFilter programs error checking utility.

I have contacted Kenwood, but have not received a reply. Anyone else having this problem, I urge you to contact Kenwood.

Wayne
ke7ku@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] D7A Cig cable

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Thu, 8 Jun 2000 08:11:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89535-2000.06.08-08.14.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have the cigarette cable made by Kenwood for the D7A? Is there a Regulator inside it? I would be interested in what the voltage is coming out of it.

73

Flip N9AZZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] Re: D700 error in position string

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Thu, 8 Jun 2000 06:19:56 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-89537-2000.06.08-08.23.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The D700 does NOT send position strings with APK101, it uses the Mic-E format which does not have APK101 in the TO field. So who is transmitting position data with APK101? IGates. IGates take Mic-e/D7/D700 position strings and "reformulate" them. Contacting Kenwood will be of no use. It is not their fault. If you had posted an example of the problem packets, it might be possible to determine which program is munging the data. There is a quite simple fix for this problem that I have suggested to the APRSDEV group. But every IGate program needs to sign on to the idea.

Brent KH2Z

----- Original Message -----
From: G.W. Hester <waynewx@c2i2.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, June 08, 2000 5:14 AM
Subject: [htaprs] D700 error in position string

> My D700 is sending an erroneous position data string using the unproto of
> APK101. When this data is transmitted the lat, long are wrong. When the
> radio attaches APK101 to the string, the error occurs. Normal position data
> is fine. The error string occurs randomly. This error was discovered by
> using the AFilter programs error checking utility.
>
> I have contacted Kenwood, but have not received a reply. Anyone else having
> this problem, I urge you to contact Kenwood.
>
> Wayne
> ke7ku@arrl.net
>
> ---
> You are currently subscribed to htaprs as: bhildebrand@earthlink.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: Upgraded TH-D7A(G)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 8 Jun 2000 09:11:32 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-89536-2000.06.08-08.23.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 7 Jun 2000, Stan Slonkosky wrote:

> to be a wrong assumption on my part. What then is the purpose of the this
> Time Zone setting (in the new THD7(G)?

One thing is that the age of a message is now displayed...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Re: [amsat-bb] Going Digital... Ham Radio?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 8 Jun 2000 10:05:39 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Jon Ogden <jono@enteract.com>, Lee810@aol.com, amsat-bb@AMSAT.Org,
TAPR APRS Special Interest Group <aprssig@tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-89541-2000.06.08-09.09.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gun Steele wrote:
> Bob, reading your post on the Hansen concept... I see people wanting
> that untethered information in the real world. I am convinced that
> wireless delivery to WinCE devices is going to be huge, but the content
> is the key...

YES! And we Already we have it started:

In any area where someone is running APRStk, any Kenwood HT or Mobile
within say 150 miles will see on its front panel, a "tiny web-page"
showing the location, range and bearing of any FM satellites currently in
view. AND once every 10 minutes they see a little "tiny web-page" showing
them what satellites will be in view in the next 80 minutes.

Further, anyone can send "tiny web-page" views of all kinds of information
to these radios from anywhere. ALready we display:

  1) The location, range and bearing of the last 40 APRS stns around you
  2) The location, range and bearing of all DIGIpeaters in range
  3) The local WEATHER including wind speed, direction, rain and temp
  4) ANY APRS bulletins
  5) Any APRS mail (think of this as Email)
  6) And you can send out REAL EMAIL from the radio to ANYWHERE
  7) Other data available on demand even in APRSdos:
     The locations of all the nearest Radio SHacks
     The locations of all the nearest HAM stores
     The locations of all the nearest NOAA WX Radio xmtrs and freqs
     The locations of all the nearest Nation WX service sites
     The locations of all the nearest wide area VOICE repeaters for
     THe locatiosn of all the past Aircraft CRASH sites (for SAR)
     COnversion of Interstate MILE-MARKER data to LAT/LONG for
          translation of MM position to MAP position
  8) The range bearing and distance to ANYTHING ON THE PLANET as long
     as someone transmits it. The nearest Gas station, Campground,
     anything (that is appropriate for HAM radio)...

Simply think of the Kenwood Radios as "TINY WEB-PAGE" viewers...
and then the "content" that you want to see can be anything you can stuff
onto the "TINY-WEB-PAGE" screen!

APRS includes a QUERY format so that any station anywhere, can query for
ANY data anywhere. If you think of APRS as a ham radio INFORMATION
RESOURCE that can display ANYTHING on the front panel of your radio, then
you begin to see the HAM RADIO parallel to the internet that I am talking
about..

de WB4APR, Bob

CAVEAT: Most of the above is in place. But there are not enough APRStk
servers, nor do we have in place all the local infor "SERVERS" that are
needed. But the APRS protocol can DO IT.... and the radios CAN DISPLAY
IT!

We need to start nailing down the QUERY formats. I'm thinking in terms of
the briefest possible formats because we will be entering them using the
TTone pad on the radios:

?RS   - for Radio shacks and/ratio stores
?CG   - for camp grounds
?PK   - for Parks
?GS   - for Gas stations
?NWS   - for the WX Serveice sites
?WX   - ALREADY will report the local WX
?CRASHES - for the nearest recorded Aircraft crash sites
?APRS?   - Already returns all surronunding APRS stations
?FOOD   - Neaarest fast food
etc...

We must guard against comercialism, but these are "resources" for the
traveler and I see no problem telling someone by ham radio where he can
find food! We do it by voice all the time...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: D700 error in position string

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 8 Jun 2000 10:24:04 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-89547-2000.06.08-09.27.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We will probably have to figure this one out ourselves. See if you can
figure out a pattern of when this occurs. The UNPROTO TO address is
changed within the HT EVERY time a POSIT and then a MSG is transmitted.
It is very possible that this can get out of sequence.... If we can nail
down when this happens, then we can figure out how to avoid it...

Bob
 On Thu,
8 Jun 2000, G.W. Hester wrote:

> My D700 is sending an erroneous position data string using the unproto of
> APK101. When this data is transmitted the lat, long are wrong. When the
> radio attaches APK101 to the string, the error occurs. Normal position data
> is fine. The error string occurs randomly. This error was discovered by
> using the AFilter programs error checking utility.
>
> I have contacted Kenwood, but have not received a reply. Anyone else having
> this problem, I urge you to contact Kenwood.
>
> Wayne
> ke7ku@arrl.net
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: D7A upgrade turnaround

From: Mark Phillips <Mark.Phillips@royalblue.com>
Date: Thu, 8 Jun 2000 10:19:32 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89549-2000.06.08-09.39.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

But still no-one has produced the address for the rest of us to send ours
back.

Would someone please oferit up. Just a phone number would do!!

Mark

-----Original Message-----
From: Brian B. Riley [mailto:brianbr@macconnect.com]
Sent: Wednesday, June 07, 2000 6:57 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: D7A upgrade turnaround

They (East coast) got mine on Wednesday and I haven't seen it yet ...
how do they ship?? UPS??? or USPS???

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

----- Original Message -----
From: "stridr" <stridr@optonline.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Sent: Wednesday, June 07, 2000 6:43 PM
Subject: [htaprs] D7A upgrade turnaround

> All,
>
> Thought you'd be interested to know that the turnaround, at least in
the
> Kenwood East service center is fast.
>
> According to UPS, my D7 was delivered to Kenwood at 10:00 am Friday,
and
> according to Kenwood, it was shipped out to me yesterday (Tuesday).
I
> believe that's less than a two working day turnaround.
>
> Howard
> ----------------------------
> Help eradicate Pediatric Brain Tumors
> Support our ride 20 Aug 2000
> http://go.to/nerfk
>
> Howard Hecht   W1HO
> P.O. Box 3483 Milford, CT 06460-0943
>
> Co-Task Force Leader New England Ride for Kids
>
>
>
> ---
> You are currently subscribed to htaprs as: brianbr@macconnect.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: mark.phillips@royalblue.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

****
******
"This message is intended only for the stated addressee(s) and may be confidential. Access to this email by anyone else is unauthorised. Any opinions expressed in this email do not necessarily reflect the opinions of royalblue. Any unauthorised disclosure, use or dissemination, either whole or in part is prohibited.   If you are not the intended recipient of this message, please notify the sender immediately."
****
******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: D700 error in position string

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Thu, 8 Jun 2000 08:15:59 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89571-2000.06.08-10.21.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can you post sample packets of the problem? I have not observed the D700 using wrong unproto TO data, and perhaps I have completely missed this if it has been discussed on this sig. I have observed plenty of IGate munging of Mic-E data.   Can you please post sample packets of the problem.   This will greatly help in pinpointing the problem.

Brent

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Thursday, June 08, 2000 7:29 AM
Subject: [htaprs] Re: D700 error in position string

>We will probably have to figure this one out ourselves. See if you can
>figure out a pattern of when this occurs. The UNPROTO TO address is
>changed within the HT EVERY time a POSIT and then a MSG is transmitted.
>It is very possible that this can get out of sequence.... If we can nail
>down when this happens, then we can figure out how to avoid it...
>
>Bob
> On Thu,
>8 Jun 2000, G.W. Hester wrote:
>
>> My D700 is sending an erroneous position data string using the unproto of
>> APK101. When this data is transmitted the lat, long are wrong. When the
>> radio attaches APK101 to the string, the error occurs. Normal position
data
>> is fine. The error string occurs randomly. This error was discovered by
>> using the AFilter programs error checking utility.
>>
>> I have contacted Kenwood, but have not received a reply. Anyone else
having
>> this problem, I urge you to contact Kenwood.
>>
>> Wayne
>> ke7ku@arrl.net
>>
>> ---
>> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>>
>
>APRSdos REPLY/COMMENT:
>
>Reply mail addr: wb4apr@amsat.org
>US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
>See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
>See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
>
>---
>You are currently subscribed to htaprs as: bhildebrand@earthlink.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: Upgraded TH-D7A(G)

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 8 Jun 2000 10:11:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89574-2000.06.08-11.15.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>One of the new menu items is 2-O, Setting UTC Offset. When I first saw this,
>I thought, good, Kenwood must have added a real time clock, but that seems
>to be a wrong assumption on my part. What then is the purpose of the this
>Time Zone setting?

Maybe: since the GPS when connected provides UTC time, the offset would be a
way to give local time zone stamps on received packets. To make it *really*
useful there should be a clock inside the D7 which would continue to run even
in the absence of a live GPS feed. It would be nice if there was a time zone
setting for my KPC-3+ which can set it's clock to the received GPS data (but
only UTC).

73,
Tony AC7FJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Re: D7A upgrade turnaround

From: "Jon Ogden" <jono@enteract.com>
Date: Thu, 8 Jun 2000 14:10:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89592-2000.06.08-14.13.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Go to Kenwood's website and look under service centers. Or call Kenwood.

----- Original Message -----
From: "Mark Phillips" <Mark.Phillips@royalblue.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, June 08, 2000 9:19 AM
Subject: [htaprs] Re: D7A upgrade turnaround

> But still no-one has produced the address for the rest of us to send ours
> back.
>
> Would someone please oferit up. Just a phone number would do!!
>
> Mark
>
> -----Original Message-----
> From: Brian B. Riley [mailto:brianbr@macconnect.com]
> Sent: Wednesday, June 07, 2000 6:57 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D7A upgrade turnaround
>
>
> They (East coast) got mine on Wednesday and I haven't seen it yet ...
> how do they ship?? UPS??? or USPS???
>
> --
>   Brian B. Riley, N1BQ   (ex-KA2BQE)
>   <http://www.wulfden.org>
>
>
> ----- Original Message -----
> From: "stridr" <stridr@optonline.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Wednesday, June 07, 2000 6:43 PM
> Subject: [htaprs] D7A upgrade turnaround
>
>
> > All,
> >
> > Thought you'd be interested to know that the turnaround, at least in
> the
> > Kenwood East service center is fast.
> >
> > According to UPS, my D7 was delivered to Kenwood at 10:00 am Friday,
> and
> > according to Kenwood, it was shipped out to me yesterday (Tuesday).
> I
> > believe that's less than a two working day turnaround.
> >
> > Howard
> > ----------------------------
> > Help eradicate Pediatric Brain Tumors
> > Support our ride 20 Aug 2000
> > http://go.to/nerfk
> >
> > Howard Hecht   W1HO
> > P.O. Box 3483 Milford, CT 06460-0943
> >
> > Co-Task Force Leader New England Ride for Kids
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: brianbr@macconnect.com
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---

> You are currently subscribed to htaprs as: mark.phillips@royalblue.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
****
****
> "This message is intended only for the stated addressee(s) and may be
confidential. Access to this email by anyone else is unauthorised. Any
opinions expressed in this email do not necessarily reflect the opinions of
royalblue. Any unauthorised disclosure, use or dissemination, either whole
or in part is prohibited.   If you are not the intended recipient of this
message, please notify the sender immediately."
>
****
****
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: D7A upgrade turnaround

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Thu, 08 Jun 2000 12:10:39 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-89593-2000.06.08-14.13.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Mark Phillips <Mark.Phillips@royalblue.com>
>To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
>Subject: [htaprs] Re: D7A upgrade turnaround
>Date: Thu, 8 Jun 2000 10:19:32 -0400
>
>
>But still no-one has produced the address for the rest of us to send ours
>back.
>
>Would someone please oferit up. Just a phone number would do!!
>
>Mark
>

I received this reply from Kenwood a while back. If you are in the US,
these should work

Jim
KM5BS

Dear Kenwood Customer:

Thank you for your e-mail. The TH-D7A (G) upgrade will be available in
6/2000
The cost is about $60.00 plus shipping back to you. Both Kenwood Service
Centers will perform the upgrade. Do not send your TH-D7A until you contact
us first for its availability.

SHIPPING INSTRUCTIONS

Kenwood Service Center West
13030 Alondra Blvd., #104
Cerritos, CA 90703-2257
562-483-8740 phone
562-483-8749 fax

++++++++++++++++++++++++++

Kenwood Service Center East
829 Lynnhaven Parkway, Suite 130

Virginia Beach, VA 23452
757-340-1702 phone
757-340-6809 fax

If you need further assistance, please e-mail us again.

Sincerely,
Kenwood Customer Care

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] Re: APRStrk special queries

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Thu, 8 Jun 2000 15:18:09 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89595-2000.06.08-14.19.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob B wrote:

> Further, anyone can send "tiny web-page" views
> of all kinds of information
> to these radios from anywhere. ALready we
> display:

>   7) Other data available on demand even in APRSdos:
>   The locations of all the nearest Radio SHacks
>   The locations of all the nearest HAM stores
     [other examples were listed in Bob's post]

Lumpy writes:
I assume, Bob, you are referring to the preloaded
files showing the Rat Shacks and other stuph
that reside on the 'client'.

I've been hoping to see a way to query for
live or at least 'server stored' data, which is
what I think you refer to below. Like Steve Scott's
QST server voice machine in Las Vegas.

I'd like travelers to be able to query for things
like -
Local recommended UI path
Local voice nets
etc.
I'd like to see the query trigger the transmission
of a txt file with the appropriate information.

> We need to start nailing down the QUERY formats...

I agree...lump

> ?RS   - for Radio shacks and/ratio stores
> ?CG   - for camp grounds
> ?PK   - for Parks
> ?GS   - for Gas stations
> ?NWS   - for the WX Serveice sites

> ?CRASHES - for the nearest recorded Aircraft crash sites
     [does anyone really use the crash site data...lump]

> ?APRS?   - Already returns all surronunding APRS stations
> ?WX   - ALREADY will report the local WX
How do we do this exactly, with a D7A, for example.
I can do it with a couple mouse clicks in WinAPRS,
but I don't know how to do it 'the long way'?

Lumpy n0eq
--
The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] Re: D7A upgrade turnaround

From: "Jim Gill" <gillj@uswest.net>
Date: Thu, 8 Jun 2000 14:27:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89599-2000.06.08-14.33.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Mark Phillips" <Mark.Phillips@royalblue.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, June 08, 2000 9:19 AM
Subject: [htaprs] Re: D7A upgrade turnaround>
> But still no-one has produced the address for the rest of us to send ours
> back.
> Would someone please oferit up. Just a phone number would do!!
> Mark

Mark, I sent this to you direct on May 30.
Jim N0RMO

----- Original Message -----
From: "Jim Gill" <gillj@uswest.net>
To: "Mark Phillips" <Mark.Phillips@royalblue.com>
Sent: Tuesday, May 30, 2000 2:47 PM
Subject: Re: [htaprs] Kenwood D7A (G) mod
> Just found it on KW's website
> Kenwood Service Center West
> 13030 Alondra Blvd., Suite 104 - Cerritos, CA 90703-2257
> Fax: (562) 483-8749
> Repairs Only: (562) 483-8740

> Kenwood Service Center East
> 829 Lynnhaven Pkwy., Suite 130 - Virginia Beach, VA 23452
> Fax: (757) 340-6809
> Repairs Only: (757) 340-1702

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Re: D7A upgrade turnaround

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 8 Jun 2000 17:09:07 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89614-2000.06.08-16.14.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood East - Virginia Beach

   0930-1730 EDT M-F == > 1-757-340-1702

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

----- Original Message -----
From: "Mark Phillips" <Mark.Phillips@royalblue.com>
To: "'Brian B. Riley'" <brianbr@macconnect.com>; "TAPR Hot Technology
APRS" <htaprs@lists.tapr.org>
Sent: Thursday, June 08, 2000 10:19 AM
Subject: RE: [htaprs] Re: D7A upgrade turnaround

>
> But still no-one has produced the address for the rest of us to send
ours

> back.
>
> Would someone please oferit up. Just a phone number would do!!
>
> Mark
>
> -----Original Message-----
> From: Brian B. Riley [mailto:brianbr@macconnect.com]
> Sent: Wednesday, June 07, 2000 6:57 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D7A upgrade turnaround
>
>
> They (East coast) got mine on Wednesday and I haven't seen it yet
...
> how do they ship?? UPS??? or USPS???
>
> --
>   Brian B. Riley, N1BQ   (ex-KA2BQE)
>   <http://www.wulfden.org>
>
>
> ----- Original Message -----
> From: "stridr" <stridr@optonline.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Wednesday, June 07, 2000 6:43 PM
> Subject: [htaprs] D7A upgrade turnaround
>
>
> > All,
> >
> > Thought you'd be interested to know that the turnaround, at least
in
> the
> > Kenwood East service center is fast.
> >
> > According to UPS, my D7 was delivered to Kenwood at 10:00 am
Friday,
> and
> > according to Kenwood, it was shipped out to me yesterday
(Tuesday).
> I
> > believe that's less than a two working day turnaround.
> >
> > Howard
> > ----------------------------
> > Help eradicate Pediatric Brain Tumors
> > Support our ride 20 Aug 2000
> > http://go.to/nerfk
> >
> > Howard Hecht   W1HO
> > P.O. Box 3483 Milford, CT 06460-0943
> >
> > Co-Task Force Leader New England Ride for Kids
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: brianbr@macconnect.com
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as:
mark.phillips@royalblue.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
>
>
>
****
****
> "This message is intended only for the stated addressee(s) and may
be confidential. Access to this email by anyone else is unauthorised.
Any opinions expressed in this email do not necessarily reflect the
opinions of royalblue. Any unauthorised disclosure, use or
dissemination, either whole or in part is prohibited.   If you are not

```
the intended recipient of this message, please notify the sender
immediately."
>
**************************************************************************
**************************************


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

76. [htaprs] Re: APRStrk special queries

```
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 8 Jun 2000 19:49:49 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-89632-2000.06.08-18.52.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

Sprouls and I talked about this back in 1995 and designed all the formats
in to APRS, and they were going to put it in WinAPRS. But they have been
so busy, the SERVER side of this has not happened yet.

But now that APRStk is serving Satellite data and APRSdos already has all
the data for the examples below, It should only take me a few hours to add
al this to APRStk...

TO answer your last question, no, right now, you can on ly QUERY other
stations with the D7 band D700. THis is a problem we must address. If I
add the SERVER stuff to APRStk, it will recognize the QUERY within a
MEssage...

SO much to do... so little time :-(

Bob
 On Thu, 8 Jun 2000, Lumpy wrote:

```
> Bob B wrote:
>
> > Further, anyone can send "tiny web-page" views
> > of all kinds of information
> > to these radios from anywhere.  ALready we
> > display:
>
> >   7) Other data available on demand even in APRSdos:
> >      The locations of all the nearest Radio SHacks
> >      The locations of all the nearest HAM stores
>      [other examples were listed in Bob's post]
>
> Lumpy writes:
> I assume, Bob, you are referring to the preloaded
> files showing the Rat Shacks and other stuph
> that reside on the 'client'.
>
> I've been hoping to see a way to query for
> live or at least 'server stored' data, which is
> what I think you refer to below. Like Steve Scott's
> QST server voice machine in Las Vegas.
>
> I'd like travelers to be able to query for things
> like -
> Local recommended UI path
> Local voice nets
> etc.
> I'd like to see the query trigger the transmission
> of a txt file with the appropriate information.
>
> > We need to start nailing down the QUERY formats...
>
> I agree...lump
>
> > ?RS      - for Radio shacks and/ratio stores
> > ?CG      - for camp grounds
> > ?PK      - for Parks
> > ?GS      - for Gas stations
> > ?NWS     - for the WX Serveice sites
>
> > ?CRASHES - for the nearest recorded Aircraft crash sites
>      [does anyone really use the crash site data...lump]
```

>
> > ?APRS?   - Already returns all surronunding APRS stations
> > ?WX   - ALREADY will report the local WX
> How do we do this exactly, with a D7A, for example.
> I can do it with a couple mouse clicks in WinAPRS,
> but I don't know how to do it 'the long way'?
>
> Lumpy n0eq
> --
> The Very Unofficial Colorado APRS Page
> http://www.digitalcartography.com
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: D7A Cig cable

From: "<Walter> <Dunckel>" <walterd@radiohound.com>
Date: Thu, 8 Jun 2000 20:10:45
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89639-2000.06.08-20.13.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the bottom of this link is a very home made diagram of the Kenwood
cigarette adapter. It has been suggested that what I thought was a
regulator is actually an inductor. Since I have used an unfiltered adapter
before, this makes sense. I do not think it needs to be regulated, just
cleaned up a bit.

Have not checked the voltage coming out....

http://www.radiohound.com/thd7ant.htm

Walter
http://www.radiohound.com

On 06/08/00, ""Richard \"Flip\" Minton" <fminton@midwest.net>" wrote:
> Does anyone have the cigarette cable made by Kenwood for the D7A? Is there a
> Regulator inside it? I would be interested in what the voltage is coming out
> of it.
>
> 73
>
> Flip N9AZZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] Re: [aprssig] Need D700 help

From: "Jim Gill" <gillj@uswest.net>
Date: Thu, 8 Jun 2000 23:40:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89660-2000.06.08-23.49.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Craig,

You can use the D700 in APRS mode with it's own built-in software for APRS
functions, or you can use the D700 in PACKET mode with external APRS
software, but not both.

With the D700 in APRS mode, you can still get data out of the radio via the

port, but it is not in a format readable by any current APRS software. To view this data, use a terminal program such as terminal.exe in Windows 3.1 or HyperTerminal in Win95/98, and the following steps:

1. Select the proper serial port with the terminal software
2. Set the communications parameters to 9600-8-N-1
3. Connect "Direct to COMx" (x being your selected port number)
4. When you connect to the radio, type AI 1 (letter A, letter I, space, number 1)

You should then see information coming back from the radio in Kenwood format. This shows a lot of information: volume and squelch settings, selected frequency when you change channels, APRS data in a comma-delimited format, messages in a comm-delimited format, etc. etc. I have some information on my web site on how to set some of the radio's parameters from the serial port: see http://www.netcom.com/~jimgill/tmd700a.htm . From there you'll find links to VK2TDS's page on further Kenwood Protocol information, and with this you can enter specific frequencies, etc.

The format of this Kenwood data is well known among the experienced D700/D7 experimenter-type users, so the capability exists to create a new program (or modify a current one) to be able to use the data from the radio in TNC APRS mode... the parsing routines just need to be written and incorporated into some software.   For now you'll have to do one or the other.

As far as the problem of keying the mic only clears the APRS data display, this is still a bug on the D700 that has been fixed on the new (G) firmware revision of the THD7 HT. Let's hope Kenwood offers a fix for the D700.

Jim Gill
N0RMO
Omaha NE

----- Original Message -----
From: "Craig Brunson, N7TSZ" <brunson1@gte.net>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Sent: Thursday, June 08, 2000 11:26 PM
Subject: [aprssig] Need D700 help

<<<<I am using a Kenwood D700 radio with a GPS connected. The screen display works well in the TNC APRS mode, but I get nothing out of the rs-232 port. When I put the radio into 'TNC PACKET' mode, the data is fine on the rs-232 port, but the screen display does not update. Am I missing a setup to get both displays simultaneous? This is the only way I know to save tracks onto a PC for future playbacks and to use the D700's display capability.>>>>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] Re: D7A Cig cable

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 9 Jun 2000 09:13:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89723-2000.06.09-08.16.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I suspect that the power filter sold by Radio Shack to suppress ignition noise in car stereos would probably work just fine.

73's
KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of <Walter>
<Dunckel>
Sent: Thursday, June 08, 2000 8:11 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: D7A Cig cable

On the bottom of this link is a very home made diagram of the Kenwood cigarette adapter. It has been suggested that what I thought was a regulator is actually an inductor. Since I have used an unfiltered adapter

before, this makes sense. I do not think it needs to be regulated, just
cleaned up a bit.

Have not checked the voltage coming out....

http://www.radiohound.com/thd7ant.htm

Walter
http://www.radiohound.com

On 06/08/00, ""Richard \"Flip\" Minton" <fminton@midwest.net>" wrote:
> Does anyone have the cigarette cable made by Kenwood for the D7A? Is there
a
> Regulator inside it? I would be interested in what the voltage is coming
out
> of it.
>
> 73
>
> Flip N9AZZ

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] Re: [aprssig] Need D700 help

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 9 Jun 2000 09:23:52 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89726-2000.06.09-08.26.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After many frustrating experiences trying to use the radio controls to
format text messages for the D7 and D700, I've abandoned the APRS mode.
What we need is the ability to connect an external computer or PDA to the
radios without disturbing the APRS function. Software to filter, view,
manage and reply to APRS messages while the radio is in APRS mode is begged
for here. Using a PDA seems like a natural.

I suspected that it must be possible to get the serial port to do something
when in APRS mode. Maybe this can be fixed. How about it, any of you
programmers out there interested in taking this project on?

73's
KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Jim Gill
Sent: Friday, June 09, 2000 12:41 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: [aprssig] Need D700 help

Craig,

You can use the D700 in APRS mode with it's own built-in software for APRS
functions, or you can use the D700 in PACKET mode with external APRS
software, but not both.

With the D700 in APRS mode, you can still get data out of the radio via the
port, but it is not in a format readable by any current APRS software. To
view this data, use a terminal program such as terminal.exe in Windows 3.1
or HyperTerminal in Win95/98, and the following steps:

1. Select the proper serial port with the terminal software
2. Set the communications parameters to 9600-8-N-1
3. Connect "Direct to COMx" (x being your selected port number)
4. When you connect to the radio, type AI 1 (letter A, letter I, space,
number 1)

You should then see information coming back from the radio in Kenwood
format. This shows a lot of information: volume and squelch settings,

selected frequency when you change channels, APRS data in a comma-delimited format, messages in a comm-delimited format, etc. etc. I have some information on my web site on how to set some of the radio's parameters from the serial port: see http://www.netcom.com/~jimgill/tmd700a.htm . From there you'll find links to VK2TDS's page on further Kenwood Protocol information, and with this you can enter specific frequencies, etc.

The format of this Kenwood data is well known among the experienced D700/D7 experimenter-type users, so the capability exists to create a new program (or modify a current one) to be able to use the data from the radio in TNC APRS mode... the parsing routines just need to be written and incorporated into some software.   For now you'll have to do one or the other.

As far as the problem of keying the mic only clears the APRS data display, this is still a bug on the D700 that has been fixed on the new (G) firmware revision of the THD7 HT. Let's hope Kenwood offers a fix for the D700.

Jim Gill
N0RMO
Omaha NE

----- Original Message -----
From: "Craig Brunson, N7TSZ" <brunson1@gte.net>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Sent: Thursday, June 08, 2000 11:26 PM
Subject: [aprssig] Need D700 help

<<<<I am using a Kenwood D700 radio with a GPS connected. The screen display works well in the TNC APRS mode, but I get nothing out of the rs-232 port. When I put the radio into 'TNC PACKET' mode, the data is fine on the rs-232 port, but the screen display does not update. Am I missing a setup to get both displays simultaneous? This is the only way I know to save tracks onto a PC for future playbacks and to use the D700's display capability.>>>>

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] D7A Cig cable

From: "Hufford, Kent - ANG/C4" <Kent.Hufford@ngb.ang.af.mil>
Date: Fri, 9 Jun 2000 09:20:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89727-2000.06.09-08.29.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ignition noise has not been the problem in my D7, and a few others.

It has been voltage spikes making the D7 lose its mind, or go into some "state" that the only way to recover is a reset.

I've been using a car adapter from an old ICOM 24AT(that drowned in a flood). Works fine. Has a cap. and an inductor in it.

Kent
KQ4KK
khufford@erols.com

> -----Original Message-----
> From: Richard Carter [SMTP:rich.carter@windriver.com]
> Sent: Friday, June 09, 2000 9:14 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D7A Cig cable
>
> I suspect that the power filter sold by Radio Shack to suppress ignition
> noise in car stereos would probably work just fine.
>
> 73's
> KE1EV

>
> -----Original Message-----
> From: bounce-htaprs-14533@lists.tapr.org
> [mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of <Walter>
> <Dunckel>
> Sent: Thursday, June 08, 2000 8:11 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: D7A Cig cable
>
>
> On the bottom of this link is a very home made diagram of the Kenwood
> cigarette adapter. It has been suggested that what I thought was a
> regulator is actually an inductor. Since I have used an unfiltered adapter
> before, this makes sense. I do not think it needs to be regulated, just
> cleaned up a bit.
>
> Have not checked the voltage coming out....
>
> http://www.radiohound.com/thd7ant.htm
>
> Walter
> http://www.radiohound.com
>
> On 06/08/00, ""Richard \"Flip\" Minton" <fminton@midwest.net>" wrote:
> > Does anyone have the cigarette cable made by Kenwood for the D7A? Is
> there
> a
> > Regulator inside it? I would be interested in what the voltage is coming
> out
> > of it.
> >
> > 73
> >
> > Flip N9AZZ
>
> ---
> You are currently subscribed to htaprs as: rcarter@isi.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
> ---
> You are currently subscribed to htaprs as: KHUFFORD@EROLS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] D7A(G)

From: "stridr" <stridr@optonline.net>
Date: Fri, 9 Jun 2000 10:00:12 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89733-2000.06.09-09.03.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Got my upgraded D7 back yesterday, and it's great having all the new
features. Especially the ones which get rid of some of the annoying traits
the original unit had.

However, without a programming application, it's a pain to program. I've
contacted Kenwood about a software release, but they don't have an answer.

Does anyone know of a third party application, like Link7, which may be
available? Mr. Parise, if you're listening, are you going to modify your
great program to work with the upgraded radio?

73,

Howard

Help eradicate Pediatric Brain Tumors
Support our ride 20 Aug 2000
http://go.to/nerfk

Howard Hecht   W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] RE: D7A(G)

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 9 Jun 2000 09:12:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89735-2000.06.09-09.19.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howard,

I think I will wait to get my D7 upgraded, The programming software is very important to me. I hope the data file will transfer over from the old software in to the new. I have lots of frequencies programmed in, not that I use them all but I use the radio memories as a data bank.

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

"Some people live an entire lifetime and wonder if they have ever made a difference to the world, but the Marines don't have that problem."
President Ronald Reagan

> -----Original Message-----
> From: stridr [SMTP:stridr@optonline.net]
> Sent: Friday, June 09, 2000 9:00 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] D7A(G)
>
> Hi all,
>
> Got my upgraded D7 back yesterday, and it's great having all the new
> features. Especially the ones which get rid of some of the annoying
> traits
> the original unit had.
>
> However, without a programming application, it's a pain to program. I've
> contacted Kenwood about a software release, but they don't have an answer.
>
> Does anyone know of a third party application, like Link7, which may be
> available? Mr. Parise, if you're listening, are you going to modify your
> great program to work with the upgraded radio?
>
> 73,
>
> Howard
> ----------
> Help eradicate Pediatric Brain Tumors
> Support our ride 20 Aug 2000
> http://go.to/nerfk
>
> Howard Hecht W1HO
> P.O. Box 3483 Milford, CT 06460-0943
>
> Co-Task Force Leader New England Ride for Kids
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: D7A(G)

From: "Christopher L McNabb" <cmcnabb@4mcnabb.net>
Date: Fri, 9 Jun 2000 10:28:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89741-2000.06.09-09.31.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I haven't had my D7A upgraded yet, but I'm wondering if the D700 control
program downloadable from Kenwood's web site would work? Anyone tried it?

----- Original Message -----
From: "stridr" <stridr@optonline.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 09, 2000 10:00 AM
Subject: [htaprs] D7A(G)

> Hi all,
>
> Got my upgraded D7 back yesterday, and it's great having all the new
> features. Especially the ones which get rid of some of the annoying
traits
> the original unit had.
>
> However, without a programming application, it's a pain to program. I've
> contacted Kenwood about a software release, but they don't have an answer.
>
> Does anyone know of a third party application, like Link7, which may be
> available? Mr. Parise, if you're listening, are you going to modify your
> great program to work with the upgraded radio?
>
> 73,
>
> Howard
> ----------------------------
> Help eradicate Pediatric Brain Tumors
> Support our ride 20 Aug 2000
> http://go.to/nerfk
>
> Howard Hecht   W1HO
> P.O. Box 3483 Milford, CT 06460-0943
>
> Co-Task Force Leader New England Ride for Kids
>
>
>
> ---
> You are currently subscribed to htaprs as: cmcnabb@4mcnabb.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Tiny-Web-Pages!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 9 Jun 2000 11:04:53 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89748-2000.06.09-10.08.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yesterday I mentioned the concept of "Tiny-Web-Pages" for supplying data
to the Kenwood D7 and D700 mobile and handheld front panels.

Stayed up most of the night and now we have APRSdata.exe.

THis is just another version of ARPSdos that only needs to run in
someone's shack in your area and serves up the following "Tiny-Web-Pages"
to mobiles or Handhelds in the area. No, this will NOT flood the network.
It is only one packet per request!

 1) Maintains a Sat Schedule for the next 80 mins on the radios DX list
 2) Sends out Satellite OBJects whenever one is in view. Showing you
    the uplink and downlinks frequencies, doppler and range to you.
 3) Responds to DATA queries with Tiny-Web-Pages for the radio's panel
    * DIGI will send you the nearest DIGI to you
    * WX   will send you the nearest WX (even if it was originally in

```
            raw PEET brothers format or was a WinAPRS positionless
            report...
    * NWS   The nearest National Weather Service site
    * NWR   The nearest NOAA WX radio site and its frequency
    * CRASH The nearest reported old Aircraft Crash site for SAR
    * HELP  A list of data bases available
    * RS    The nearest Radio Shack or Radio Store to you
    * XXXX  The nearest ANYTHING to you in the file XXXX
    * etc...

To send a Query from the D7 or D700 simply address your message to QDOS
(for Query DOS) and in the TEXT of the message, enter the data.
For Radio Shacks, simply send TO:QDOS     :RS

Notice that I purposefully made these as short as possible since these
queries will be hand entered on the TTone pad.  Remember, this is for
Mobiles and Handhelds.  ALl of this data already exists in all versions of
APRSdos, and presumably other APRS software, so there is no need for fixed
stations to be doing this.

You can even make up POS\*.POS files for anything else.  GAS, FOOD, HOTEL,
etc.  And you can manage the data locally.  All you need are lists of the
LAT/LONGS of any objects you want to provide as "TINY-WEB-PAGES".

To set up an APRSdata engine in your area:

1) Download ftp://tapr.org/aprssig/dosstuff/APRSdos/adat-exe.zip
2) Install it in your existing APRSdos directory using PKUNZIP -D
3) Follow SETUP instructions in README\APRSdata.txt on how to load,
   and rename your existing POS\*.XXX files to the correct name.
4) ALso read APRStk.txt from which this program was derived.
5) Run it as you would your normal version of APRSdos.
6) Be CERTAIN that your DATE, TIME, ZONE and DAYLIGHT SAVINGS time
   are set correctly.  BAD satellite data is WORSE than no data!
7) COORDINATE with any other APRSdata servers to make sure that
   we do not have overlaping coverage:
   a) Set your outgoing path to serve a specific local area, no further.
   c) Set your CFL limit to ignrore Queris more than X hops away

NOTE: APRSdata.exe REPLACES APRStk for the purposes of supplying satelite
tracking data to your local area.  APRStk from this point on will not
do this function, but will conventrate only on automated Satellite
ops using the Kenwood radios...  APRStk  has NOT been updated and
the last good one was Version K10.  Trying to re-engineer it to
do the new upside-down SUNSAT mode just became too hard andto big,
so I decided to spin-off this SERVER function to a separate program..

CAUTION!  The format used for these OBJECTS is semi-compatible with the
old D7.  THe OLD D7 will capture the OBJECT, but it will be LISTED under
the callsign of the APRSDATA.EXE SYSOP.  But the DATA will be correct.

de WB4APR, Bob



---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

86. [htaprs] Re: D700 error in position string

```
From: "Larry Zanella" <larry.zanella@attws.com>
Date: Fri, 9 Jun 2000 10:29:9
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89753-2000.06.09-10.32.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As I posted details about this earlier, I won't repeat, but... My D700
continues to issue position strings literally all over the map. Every time
I do a route trace, I get one accurate route trace, plus 2 to 3 erroneous
traces going of 1,000 miles.

Larry

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

87. [htaprs] Re: D700 error in position string

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Fri, 9 Jun 2000 08:47:31 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89757-2000.06.09-10.53.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Really? How do you KNOW it is the D700? Have you ruled out your monitoring
software???
Brent

>As I posted details about this earlier, I won't repeat, but... My D700
>continues to issue position strings literally all over the map. Every time
>I do a route trace, I get one accurate route trace, plus 2 to 3 erroneous
>traces going of 1,000 miles.
>
>Larry
>
>---
>You are currently subscribed to htaprs as: bhildebrand@earthlink.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] Re: D700 error in position string

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 09 Jun 2000 09:54:45 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-89758-2000.06.09-10.57.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are you sure the "bad" posits heard are from the D700 direct? Could a
bad MIC-E decode routine in a local digi be creating your errant posits?

--
Brian

Larry Zanella wrote:

> As I posted details about this earlier, I won't repeat, but... My D700
> continues to issue position strings literally all over the map. Every time
> I do a route trace, I get one accurate route trace, plus 2 to 3 erroneous
> traces going of 1,000 miles.
>
> Larry
>
> ---
> You are currently subscribed to htaprs as: Brian.Badger@wcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

89. [htaprs] Re: D700 error in position string

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Fri, 9 Jun 2000 11:16:46
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89763-2000.06.09-11.19.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brent,

I am running winAPRS 2.4.5 and everything appears to be working fine. Other
mobiles nearby and far away not using D700s are tracking O.K.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Re: D700 error in position string

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Fri, 9 Jun 2000 11:20:47
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89764-2000.06.09-11.23.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian,

I don't think so. Other mobiles in my neighborhood track just fine. Also, these errant tracks are painted even when I am being tracked 50 miles away from my QTH. I consistently am painting one perfecrt track, and 2 to 3 erroneuos ones. The erroneous ones go out over a 1,000 miles.

Larry

BTW - I have 2 of the D700's. They both do this. They are both less than 3 weeks old.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] Re: D700 error in position string

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 9 Jun 2000 12:27:11 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-89766-2000.06.09-11.31.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 9 Jun 2000, Larry Zanella wrote:

> As I posted details about this earlier, I won't repeat, but... My D700
> continues to issue position strings literally all over the map. Every time
> I do a route trace, I get one accurate route trace, plus 2 to 3 erroneous
> traces going of 1,000 miles.

You need to give much more info than that.

What was the path?
Did it go through any smart digis?
what map?
What software are you using?
Did it go througgh the internet?
Are you viewing it off the air or via APRServe etc.

People can help, but we need real data..

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] Re: D700 error in position string

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Fri, 9 Jun 2000 09:31:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89768-2000.06.09-11.34.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Brent,
>
>I am running winAPRS 2.4.5 and everything appears to be working fine. Other
>mobiles nearby and far away not using D700s are tracking O.K.
>
>Larry

You have not proven it is the D700.   I'm not saying it is not the D700, but you have not proven it is the D700. The fact that non-D700 trackers track OK is irrelevant.   You are not comparing the same thing. Perhaps you should compare APRSdos tracking the D700 to WinAPRS. You would then be looking at the software variable. If one D700 is tracked incorrectly by the monitoring software, the I'd suspect all D700s to exhibit this problem. Is that not what you just said?   I have a D700. It tracks fine. But I'm using different software to do the tracking.

Brent

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] Re: Tiny-Web-Pages!

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Fri, 9 Jun 2000 11:33:30
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89770-2000.06.09-11.36.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

Outstanding!!

Just by way of clarification, for folks with a D700, if you want to do the
Radio Shack querry...

In the MSG mode on the D700, would you enter QDOS where it says "Call Sign"
and then in the text field simply type RS or would you need to type
TO:QDOS:RS in the text field?

Thanks for staying up all night! We will return the favor!

73,

Larry
WA7LZO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Re: D700 error in position string

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 09 Jun 2000 16:40:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-89771-2000.06.09-11.44.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have you specifically checked these errant posits to see if they are being
sent by a digi decoding your MIC-E sentence and reencoding it? That is most
likely the problem.

If you really want help on this, you need to capture a log of all of your
posits, and post some of the errored posits for analysis.

Brian

Larry Zanella wrote:

> Brian,
>
> I don't think so. Other mobiles in my neighborhood track just fine. Also,
> these errant tracks are painted even when I am being tracked 50 miles away
> from my QTH. I consistently am painting one perfecrt track, and 2 to 3
> erroneuos ones. The erroneous ones go out over a 1,000 miles.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] Re: [aprssig] Need D700 help

From: "Jon Ogden" <jono@enteract.com>
Date: Fri, 9 Jun 2000 11:46:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89772-2000.06.09-11.49.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> As far as the problem of keying the mic only clears the APRS data display,
> this is still a bug on the D700 that has been fixed on the new (G)

firmware
> revision of the THD7 HT. Let's hope Kenwood offers a fix for the D700.

I HAVE NEVER SEEN THIS BUG!

In fact, I try it all the time. If I have a packet that came in and shows
up on the data band side of the screen, I can key the mic and talk just
fine. The only time I can't do that is when I specifically go and bring up
the list of stations to look at a specific station.

I have one of the first D700s and it behaves NOTHING like the bug in the
original TH-D7A.

73,

Jon
NA9D

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] Re: D7A(G)

From: "Jon Ogden" <jono@enteract.com>
Date: Fri, 9 Jun 2000 11:49:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89774-2000.06.09-11.52.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The D700 program does NOT work. It says, INVALID RADIO.

You guys with PCs to program the radios are lucky. Don't complain.

I use the Mac platform. No one writes TH-D7A or TM-D700A software for it.
I've always had to manually program the radio.

Of course, I would rather manually program the radio than put up with
Windows! I use Windows at work and that is all I can stand!

73,

Jon
NA9D

----- Original Message -----
From: "Christopher L McNabb" <cmcnabb@4mcnabb.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 09, 2000 9:28 AM
Subject: [htaprs] Re: D7A(G)

> I haven't had my D7A upgraded yet, but I'm wondering if the D700 control
> program downloadable from Kenwood's web site would work? Anyone tried it?
>
> ----- Original Message -----
> From: "stridr" <stridr@optonline.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Friday, June 09, 2000 10:00 AM
> Subject: [htaprs] D7A(G)
>
>
> > Hi all,
> >
> > Got my upgraded D7 back yesterday, and it's great having all the new
> > features. Especially the ones which get rid of some of the annoying
> traits
> > the original unit had.
> >
> > However, without a programming application, it's a pain to program.
I've
> > contacted Kenwood about a software release, but they don't have an
answer.
> >
> > Does anyone know of a third party application, like Link7, which may be
> > available? Mr. Parise, if you're listening, are you going to modify
your
> > great program to work with the upgraded radio?
> >

> > 73,
> >
> > Howard
> > ----------------------------
> > Help eradicate Pediatric Brain Tumors
> > Support our ride 20 Aug 2000
> > http://go.to/nerfk
> >
> > Howard Hecht   W1HO
> > P.O. Box 3483 Milford, CT 06460-0943
> >
> > Co-Task Force Leader New England Ride for Kids
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: cmcnabb@4mcnabb.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] Re: D700 error in position string

From: "Jon Ogden" <jono@enteract.com>
Date: Fri, 9 Jun 2000 11:50:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89775-2000.06.09-11.52.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do you have position ambiguity turned on?

----- Original Message -----
From: "Larry Zanella" <larry.zanella@attws.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 09, 2000 11:20 AM
Subject: [htaprs] Re: D700 error in position string

> Brian,
>
> I don't think so. Other mobiles in my neighborhood track just fine. Also,
> these errant tracks are painted even when I am being tracked 50 miles away
> from my QTH. I consistently am painting one perfecrt track, and 2 to 3
> erroneuos ones. The erroneous ones go out over a 1,000 miles.
>
> Larry
>
> BTW - I have 2 of the D700's. They both do this. They are both less than 3
> weeks old.
>
> ---
> You are currently subscribed to htaprs as: jono@enteract.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Re: D7A(G)

From: Greg Noneman <greg@clubnet.net>
Date: Fri, 9 Jun 2000 10:05:07 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89778-2000.06.09-12.09.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden, NA9D wrote:

>You guys with PCs to program the radios are lucky. Don't complain.
>
>I use the Mac platform. No one writes TH-D7A or TM-D700A software for it.
>I've always had to manually program the radio.
>
>Of course, I would rather manually program the radio than put up with
>Windows! I use Windows at work and that is all I can stand!
>

I've been a Mac owner/user since 1984. I have had many Macs, both at
work and at home. I love'em. But diatribe like this gets old pretty
quick. It certainly doesn't get more people to write software for the
Mac. About all comments like these do is give Mac users a bad name.

Greg Noneman
WB6ZSU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] Re: Tiny-Web-Pages!

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Fri, 9 Jun 2000 11:16:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89781-2000.06.09-12.19.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does the QDOS system send out a POSIT periodically? This would make it
easier for a user to simply scroll to QDOS in the posits list and hit MSG.

Tom NY4I
----- Original Message -----
From: "Larry Zanella" <larry.zanella@attws.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 09, 2000 11:33 AM
Subject: [htaprs] Re: Tiny-Web-Pages!

> Bob,
>
> Outstanding!!
>
> Just by way of clarification, for folks with a D700, if you want to do the
> Radio Shack querry...
>
> In the MSG mode on the D700, would you enter QDOS where it says "Call
Sign"
> and then in the text field simply type RS or would you need to type
> TO:QDOS:RS in the text field?
>
> Thanks for staying up all night! We will return the favor!
>
> 73,
>
> Larry
> WA7LZO
>
>
>
> ---
> You are currently subscribed to htaprs as: toms@inconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] Re: D700 error in position string

From: "Zanella, Larry" <larry.zanella@attws.com>
Date: Fri, 9 Jun 2000 11:32:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89795-2000.06.09-13.48.34--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

So the question is this: Does anyone have a D700 that tracks properly with win APRS 2.4.5?

Larry

From: Brent Hildebrand [SMTP:bhildebrand@earthlink.net]
Sent: Friday, June 09, 2000 9:32 AM
To: TAPR Hot Technology APRS; Larry Zanella
Subject: Re: [htaprs] Re: D700 error in position string

>Brent,
>
>I am running winAPRS 2.4.5 and everything appears to be working fine. Other
>mobiles nearby and far away not using D700s are tracking O.K.
>
>Larry

You have not proven it is the D700. I'm not saying it is not the D700, but
you have not proven it is the D700. The fact that non-D700 trackers track
OK is irrelevant. You are not comparing the same thing. Perhaps you
should compare APRSdos tracking the D700 to WinAPRS. You would then be
looking at the software variable. If one D700 is tracked incorrectly by the
monitoring software, the I'd suspect all D700s to exhibit this problem. Is
that not what you just said? I have a D700. It tracks fine. But I'm
using different software to do the tracking.

Brent

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] Re: D700 error in position string

From: "Chris Arndt" <carndt@slonet.org>
Date: Fri, 09 Jun 2000 12:10:07 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89797-2000.06.09-14.13.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been following this thread for a while. I have D700 and am running 2.4.6. I _have_ seen something like this with my tracks occasionally. I never really thought about it before. I always assumed that the erroneous info was sent by the D700 right after powering up and before getting data from the GPS. Or that it was scrambled when I started the truck. I'll try and pay more attention.

One thing I have noticed about WinAPRS. (Not throwing a rock here... it's the program I use the most. If I'm right in my analysis, any program would do this.)

Sometimes I see a station get data mixed from another station. Maybe the icon will change for a while, or it will turn into a weather station. I've even seen call signs get changed. I believe that this is the result of packet collisions, and the TNC decoding pieces of two different packets as one. I don't recall if there is a CRC sent to keep this from happening, but even if there is, it wouldn't be foolproof.

73,

Chris KD6DSI

********** REPLY SEPARATOR **********

On 6/9/00, at 11:47 AM, Zanella, Larry wrote:

>So the question is this: Does anyone have a D700 that tracks properly with

>win APRS 2.4.5?
>
>Larry
>
>   ----------
>   From: Brent Hildebrand [SMTP:bhildebrand@earthlink.net]
>   Sent: Friday, June 09, 2000 9:32 AM
>   To: TAPR Hot Technology APRS; Larry Zanella
>   Subject: Re: [htaprs] Re: D700 error in position string
>
>
>
>   >Brent,
>   >
>   >I am running winAPRS 2.4.5 and everything appears to be working
>fine. Other
>   >mobiles nearby and far away not using D700s are tracking O.K.
>   >
>   >Larry
>
>
>   You have not proven it is the D700.   I'm not saying it is not the
>D700, but
>   you have not proven it is the D700. The fact that non-D700 trackers
>track
>   OK is irrelevant.   You are not comparing the same thing. Perhaps
>you
>   should compare APRSdos tracking the D700 to WinAPRS. You would then
>be
>   looking at the software variable. If one D700 is tracked
>incorrectly by the
>   monitoring software, the I'd suspect all D700s to exhibit this
>problem. Is
>   that not what you just said?   I have a D700. It tracks fine. But
>I'm
>   using different software to do the tracking.
>
>   Brent
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] Re: D700 error in position string

From: "bob" <w2g3zfj@unix.asb.com>
Date: Fri, 9 Jun 2000 15:25:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89800-2000.06.09-14.24.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Larry

Mine worked fine with 2.4.5 and now 2.4.6 and 2.4.7. I have seen no trace of
these spurious tracks.

73 de bob
w2/g3zfj

-----Original Message-----
From: Zanella, Larry <larry.zanella@attws.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Friday, June 09, 2000 14:36
Subject: [htaprs] Re: D700 error in position string

>So the question is this: Does anyone have a D700 that tracks properly with
>win APRS 2.4.5?
>
>Larry
>
> ----------
> From: Brent Hildebrand [SMTP:bhildebrand@earthlink.net]
> Sent: Friday, June 09, 2000 9:32 AM
> To: TAPR Hot Technology APRS; Larry Zanella

> Subject: Re: [htaprs] Re: D700 error in position string
>
>
>
> >Brent,
> >
> >I am running winAPRS 2.4.5 and everything appears to be working
>fine. Other
> >mobiles nearby and far away not using D700s are tracking O.K.
> >
> >Larry
>
>
> You have not proven it is the D700.   I'm not saying it is not the
>D700, but
> you have not proven it is the D700. The fact that non-D700 trackers
>track
> OK is irrelevant.   You are not comparing the same thing. Perhaps
>you
> should compare APRSdos tracking the D700 to WinAPRS. You would then
>be
> looking at the software variable. If one D700 is tracked
>incorrectly by the
> monitoring software, the I'd suspect all D700s to exhibit this
>problem. Is
> that not what you just said?   I have a D700. It tracks fine. But
>I'm
> using different software to do the tracking.
>
> Brent
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] Re: D700 error in position string

From: David VanHorn <dvanhorn@cedar.net>
Date: Fri, 09 Jun 2000 14:22:46 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89801-2000.06.09-14.27.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 03:25 PM 6/9/00 -0400, bob wrote:
>Hi Larry
>
>Mine worked fine with 2.4.5 and now 2.4.6 and 2.4.7. I have seen no trace of
>these spurious tracks.

Are you listening via net, or RF or both?

I see a lot of old data on the net, up to 20+ minutes old. Makes a mess of
tracking.
This latest version of WAPRS helped a lot, but didn't eliminate it.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOUFgJoFlGDz1l6VWEQLrCgCgmjfykIkBf+gCrtkWrFpWWuBnU6UAoPAB
yfb+A6tdWE0npY6iAGxdc29b
=iUiW
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] Re: Tiny-Web-Pages!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 9 Jun 2000 15:26:26 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-89802-2000.06.09-14.29.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 9 Jun 2000, Thomas M. Schaefer wrote:

> Does the QDOS system send out a POSIT periodically? This would make it
> easier for a user to simply scroll to QDOS in the posits list and hit MSG.

Yes/no. THeir CALLSIGN will be just the call of whoever is running the
software. You can find them in APRSdos by looking at the DIGIPATH
list and then doing a JUST "APRD" and you can find them as they will have
the version number of APRDA0. But I suspect it will be many days before
you start seeing any of them on line...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Re: D700 error in position string

From: "bob" <w2g3zfj@unix.asb.com>
Date: Fri, 9 Jun 2000 15:32:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89803-2000.06.09-14.32.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dave

I should have included that I am strictly talking about tracking my vehicle
with a D700/Rand McNally gps via RF on my home station running winaprs
2.4.7. Probably most of the packets would be direct or via my WIDE.

I keep the HamHudII for the motorcycle!

73 de bob

-----Original Message-----
From: David VanHorn <dvanhorn@cedar.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Friday, June 09, 2000 15:15
Subject: [htaprs] Re: D700 error in position string

>-----BEGIN PGP SIGNED MESSAGE-----
>Hash: SHA1
>
>At 03:25 PM 6/9/00 -0400, bob wrote:
>>Hi Larry
>>
>>Mine worked fine with 2.4.5 and now 2.4.6 and 2.4.7. I have seen no trace
of
>>these spurious tracks.
>
>Are you listening via net, or RF or both?
>
>I see a lot of old data on the net, up to 20+ minutes old. Makes a mess of
>tracking.
>This latest version of WAPRS helped a lot, but didn't eliminate it.
>
>
>- --
>Are you an ISP? Tired of spam?
>www.spamwhack.com A pre-emptive strike against spam!
>
>Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
>

>-----BEGIN PGP SIGNATURE-----
>Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>
>
>iQA/AwUBOUFgJoFlGDz1l6VWEQLrCgCgmjfykIkBf+gCrtkWrFpWWuBnU6UAoPAB
>yfb+A6tdWE0npY6iAGxdc29b
>=iUiW
>-----END PGP SIGNATURE-----
>
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Re: Tiny-Web-Pages!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 9 Jun 2000 15:20:20 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-89805-2000.06.09-14.37.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 9 Jun 2000, Larry Zanella wrote:

> Just by way of clarification, for folks with a D700, if you want to do the
> Radio Shack querry...
>
> In the MSG mode on the D700, would you enter QDOS where it says "Call Sign"
> and then in the text field simply type RS or would you need to type
> TO:QDOS:RS in the text field?

No, enter QDOS for the CALLSIGN and "RS" for the message...
bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] Re: D700 error in position string

From: David VanHorn <dvanhorn@cedar.net>
Date: Fri, 09 Jun 2000 14:34:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89806-2000.06.09-14.38.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 03:32 PM 6/9/00 -0400, bob wrote:
>Hi Dave
>
>I should have included that I am strictly talking about tracking my vehicle
>with a D700/Rand McNally gps via RF on my home station running winaprs
>2.4.7. Probably most of the packets would be direct or via my WIDE.

I asked, because the inet delayed packets aren't just a hamhud issue.
That's just where I really noticed them, since the HH does such a nice job
at tracking.
They look great on RF.

>I keep the HamHudII for the motorcycle!

:)

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----

```
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOUFiy4FlGDz1l6VWEQJk7wCgvOlNqh9cwoRXmk/4wWm4mQ7ffsYAoOXg
XMI58iozf0++2pfo9po/lzLa
=mfD5
-----END PGP SIGNATURE-----


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

108. [htaprs] Re: D700 error in position string

```
From: "Larry Zanella" <larry.zanella@attws.com>
Date: Fri, 9 Jun 2000 14:42:49
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89816-2000.06.09-14.45.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

This is the exact situation I have (regarding the bogus tracks).

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: D7A Cig cable

```
From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 9 Jun 2000 15:52:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89819-2000.06.09-14.55.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

I made a cable using the Rat Shack filter and it works just fine on my
D7, never had a lockup. The D700 doesn't appear to need it though.

```
--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

----- Original Message -----
From: "Hufford, Kent - ANG/C4" <Kent.Hufford@ngb.ang.af.mil>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 09, 2000 9:20 AM
Subject: [htaprs] D7A Cig cable


> Ignition noise has not been the problem in my D7, and a few others.
>
> It has been voltage spikes making the D7 lose its mind, or go into
some
> "state" that the only way to recover is a reset.
>
> I've been using a car adapter from an old ICOM 24AT(that drowned in
a
> flood). Works fine. Has a cap. and an inductor in it.
>
> Kent
> KQ4KK
> khufford@erols.com
>
> > -----Original Message-----
> > From: Richard Carter [SMTP:rich.carter@windriver.com]
> > Sent: Friday, June 09, 2000 9:14 AM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: D7A Cig cable
> >
> > I suspect that the power filter sold by Radio Shack to suppress
ignition
> > noise in car stereos would probably work just fine.
> >


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

110. [htaprs] Re: D700 error in position string

From: Bill Diaz <billdiaz@megsinet.net>
Date: Fri, 9 Jun 2000 15:09:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89826-2000.06.09-15.14.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Chris,
  I too have a D700, but have not seen the erroneous positions reported. Of course, I haven't been looking either.

I work with several commercial AVL applications that receive wildly erroneous location information on occasion. These applications do not use APRS formats, protocols, or any APRS applications yet they experience these same errors.
  The mobile devices are made by several different manufacturers, and use different communications methods and protocols. The only common element is the GPS.

I suspect that in addition to errors created in the mobile device, errors are being created by IGATES or other applications that convert Mic-E, or compessed locations to another format and pass the modified packet to the Internet feed.
 Each application that converts location formats must usually convert the received location to DD.DDDD and then convert this to DDMM.MM for further transmission. The enduser application must usually convert this format back to DD.DDDD for internal use. The end user application then must convert DD.DDDD to integer values that can be used to display an icon on a map display. Each one of these conversions can introduce rounding errors and in some cases, wildly erroneous locations.

I don't think that mixed packets are generated by TNC's. Yes, it could happen but is most unlikely. The one case that I am familiar with involved an IGATE that mixed some packets obtained locally with packets of a station that was in his stations.txt file. This IGATED station was located several thousand miles from the IGATE. The mixing was noted on numerous occaisons and always involved the same 2 stations. The IGATE TNC had MStamp on, and was passing timestamps in the header. Once the IGATE operator turned MStamp off, no further mixing of these two stations was reported. It is likely that the IGATE or a downstream application was mangling the packets but this appeared to clear up after MStamp was turned off at the IGATE.

The only packets, to my knowledge, on the Internet Feed that contain error checking are GPS NMEA strings. I hope that there are no applications that do not verify checksums and use whatever NMEA data is provided, even with a bad checksum. $GPRMC strings include a field to indicate if the location data is valid or invalid. I hope that no applications ignore this field, and plot the locations even if marked invalid.

CRC checking of every packet would increase the integrity of the data.
 Unfortunately this is not provided for in the protocol at present. We have error checking on the RF link, but none on the Internet feed, or at the application level (NMEA strings excepted).

Bill KC9XG

On Friday, June 09, 2000 2:10 PM, Chris Arndt [SMTP:carndt@slonet.org] wrote:
> I've been following this thread for a while. I have D700 and am running
> 2.4.6. I _have_ seen something like this with my tracks occasionally. I
> never really thought about it before. I always assumed that the erroneous
> info was sent by the D700 right after powering up and before getting data
> from the GPS. Or that it was scrambled when I started the truck. I'll try
> and pay more attention.
>
> One thing I have noticed about WinAPRS. (Not throwing a rock here... it's
> the program I use the most. If I'm right in my analysis, any program would
> do this.)
>
> Sometimes I see a station get data mixed from another station. Maybe the
> icon will change for a while, or it will turn into a weather station. I've
> even seen call signs get changed. I believe that this is the result of
> packet collisions, and the TNC decoding pieces of two different packets as
> one. I don't recall if there is a CRC sent to keep this from happening, but
> even if there is, it wouldn't be foolproof.
>
> 73,
>
> Chris KD6DSI
>
> ********** REPLY SEPARATOR **********

>
> On 6/9/00, at 11:47 AM, Zanella, Larry wrote:
>
> >So the question is this: Does anyone have a D700 that tracks properly with
> >win APRS 2.4.5?
> >
> >Larry
> >
> >   ----------
> >   From: Brent Hildebrand [SMTP:bhildebrand@earthlink.net]
> >   Sent: Friday, June 09, 2000 9:32 AM
> >   To: TAPR Hot Technology APRS; Larry Zanella
> >   Subject: Re: [htaprs] Re: D700 error in position string
> >
> >
> >
> >   >Brent,
> >   >
> >   >I am running winAPRS 2.4.5 and everything appears to be working
> >fine. Other
> >   >mobiles nearby and far away not using D700s are tracking O.K.
> >   >
> >   >Larry
> >
> >
> >   You have not proven it is the D700.   I'm not saying it is not the
> >D700, but
> >   you have not proven it is the D700. The fact that non-D700 trackers
> >track
> >   OK is irrelevant.   You are not comparing the same thing. Perhaps
> >you
> >   should compare APRSdos tracking the D700 to WinAPRS. You would then
> >be
> >   looking at the software variable. If one D700 is tracked
> >incorrectly by the
> >   monitoring software, the I'd suspect all D700s to exhibit this
> >problem. Is
> >   that not what you just said?   I have a D700. It tracks fine. But
> >I'm
> >   using different software to do the tracking.
> >
> >   Brent
> >
> >---
> >You are currently subscribed to htaprs as: carndt@slonet.org
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] Re: [aprssig] Need D700 help

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 9 Jun 2000 16:30:08 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89829-2000.06.09-15.33.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon, you have said this before; I still must disagree ... my D700
(bought around March 4st from HRO Salem, NH) will only clear the
screen when a data item is still on the screen. I had it happen only
an hour ago. I launched into a long winded reply to a buddy of mine
and was waiting for his reply only to hear him come on and ask if I
was still around!!!

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

----- Original Message -----
From: "Jon Ogden" <jono@enteract.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Sent: Friday, June 09, 2000 12:46 PM
Subject: [htaprs] Re: [aprssig] Need D700 help

>
> >
> > As far as the problem of keying the mic only clears the APRS data
display,
> > this is still a bug on the D700 that has been fixed on the new (G)
> firmware
> > revision of the THD7 HT. Let's hope Kenwood offers a fix for the
D700.
>
> I HAVE NEVER SEEN THIS BUG!
>
> In fact, I try it all the time. If I have a packet that came in and
shows
> up on the data band side of the screen, I can key the mic and talk
just
> fine. The only time I can't do that is when I specifically go and
bring up
> the list of stations to look at a specific station.
>
> I have one of the first D700s and it behaves NOTHING like the bug in
the
> original TH-D7A.
>
> 73,
>
> Jon
> NA9D
>
>
> ---
> You are currently subscribed to htaprs as: brianbr@macconnect.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] Re: [aprssig] Need D700 help

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 9 Jun 2000 15:29:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89830-2000.06.09-15.36.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is the same problem, you key the Mic the transmitter comes on put no
audio that I asked about two months ago. Kenwood never replied.. It seems to
have something to do with what radio you have the tnc running on .

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

"Some people live an entire lifetime and wonder if they have ever made a
difference to the world, but the Marines don't have that problem."
                                  President Ronald Reagan

> -----Original Message-----
> From: Brian B. Riley [SMTP:brianbr@macconnect.com]
> Sent: Friday, June 09, 2000 3:30 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: [aprssig] Need D700 help
>
> Jon, you have said this before; I still must disagree ... my D700
> (bought around March 4st from HRO Salem, NH) will only clear the
> screen when a data item is still on the screen. I had it happen only
> an hour ago. I launched into a long winded reply to a buddy of mine

> and was waiting for his reply only to hear him come on and ask if I
> was still around!!!
>
> --
>   Brian B. Riley, N1BQ   (ex-KA2BQE)
>   <http://www.wulfden.org>
>
>
> ----- Original Message -----
> From: "Jon Ogden" <jono@enteract.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Friday, June 09, 2000 12:46 PM
> Subject: [htaprs] Re: [aprssig] Need D700 help
>
>
> >
> > >
> > > As far as the problem of keying the mic only clears the APRS data
> display,
> > > this is still a bug on the D700 that has been fixed on the new (G)
> > firmware
> > > revision of the THD7 HT. Let's hope Kenwood offers a fix for the
> D700.
> >
> > I HAVE NEVER SEEN THIS BUG!
> >
> > In fact, I try it all the time. If I have a packet that came in and
> shows
> > up on the data band side of the screen, I can key the mic and talk
> just
> > fine. The only time I can't do that is when I specifically go and
> bring up
> > the list of stations to look at a specific station.
> >
> > I have one of the first D700s and it behaves NOTHING like the bug in
> the
> > original TH-D7A.
> >
> > 73,
> >
> > Jon
> > NA9D
> >
> >
> > ---
> > You are currently subscribed to htaprs as: brianbr@macconnect.com
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Re: D700 error in position string

From: "Jim Gill" <gillj@uswest.net>
Date: Fri, 9 Jun 2000 15:32:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89832-2000.06.09-15.40.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm sorry, this message might be somewhat long. Refers to D700 and Igate
packet reformulation. This is the data some have been asking for. Delete if
unwanted.

----- Original Message -----
From: "Bill Diaz" <billdiaz@megsinet.net>
Subject: [htaprs] Re: D700 error in position string
> I suspect that in addition to errors created in the mobile device, errors
are
> being created by IGATES or other applications that convert Mic-E, or
compessed
> locations to another format and pass the modified packet to the Internet

feed.

Yes, that is what I have seen with recent WinAPRS versions converting D700's when I'm on both RF and TCPIP. I definitely see the "Spirograph" track plot in WinAPRS in this situation. It appears that my IGate immediately sends the "translated" packet to the APRServe stream, then either my same station, or another on TCPIP, re-converts or re-gurgitates this packet again at a much later time... as much as 10-20 minutes later as Dave VanHorn has observed.

There must be more than one application on the TCP feed "trying" to be "helpful" in converting this data, or WinAPRS must send it out in different formats, for the TOCALLs of the following packets seem to indicate more than one conversion is taking place, even well after the original packet was heard on RF. Notice the different TOCALLs and VIAs:

T1QQ4T The original D700 packet on air
APK101 The converted packet, sent to TCP by my WinAPRS (I think 246 at the time) Igate
APRS Another conversion, by me or someone else? Note slightly different trailing decimals
APK,APS Is this my Igate again, or some other version?

Also notice the "interleaved" position reports - drill down to see it. You'll see the first position repeated almost 20 minutes later way down at the end - the vehicle was NOT there again at that time. This capture was taken real-time right from the history list for this station as the data was coming in and the vehicle was driving on a "normal" in-town trip. My WinAPRS was RF and an Igate at the time. This is not the mobile's fault, but the "translation" routines.

Jim Gill N0RMO Omaha NE

KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|Zi "bv/]"7h}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041937z4111.43N/09602.76Wv270/040/Mic-E/M2/In Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041938z4111.44N/09602.77Wv270/040/E>dsy/M2/In Service]"7h}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|[am@bv/]"7e}
KD0XQ-5>APK,APS:@041939z4110.85N/09602.46Wv003/012/TM-D7/M2/IN SERVICE]"7W} A=001106
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041939z4110.85N/09602.46Wv003/010/E>dsy/M2/In Service]"7W}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041938z4111.43N/09603.68Wv270/013/Mic-E/M2/In Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041939z4111.44N/09603.69Wv270/013/E>dsy/M2/In Service]"7e}
KD0XQ-5>T1QQ4U,K0BOY-1*,WIDE:'|\8oJbv/]"7X}
KD0XQ-5>APK,APS:@041940z4111.00N/09602.57Wv315/010/TM-D7/M2/IN SERVICE]"7Y} A=001112
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041940z4111.00N/09602.57Wv315/009/E>dsy/M2/In Service]"7Y}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041939z4111.45N/09604.26Wv270/034/Mic-E/M2/In Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041940z4111.45N/09604.28Wv270/034/E>dsy/M2/In Service]"7X}
KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|\slJ`v/]"7f}
KD0XQ-5>APK,APS:@041942z4111.24N/09602.57Wv000/000/TM-D7/M2/IN SERVICE]"7Y} A=001112
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041942z4111.24N/09602.57Wv000/000/E>dsy/M2/In Service]"7Y}
KD0XQ-5>T1QQ4S,K0BOY-1*,WIDE:'|\vlv/]"7k|'|\wl v/]"7k}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>T1QQ4S,K0BOY-1*,WIDE:'|\wl v/]"7V}
KD0XQ-5>APK,APS:@041943z4111.44N/09602.77Wv270/046/TM-D7/M2/IN SERVICE]"7h}Steve\Mobile_KD0XQ@arrl.net A=001161
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041943z4111.44N/09602.77Wv270/040/E>dsy/M2/In Service]"7h}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041942z4111.41N/09604.90Wv000/000/Mic-E/M2/In Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041943z4111.43N/09604.91Wv000/000/E>dsy/M2/In Service]"7V}
KD0XQ-5>APK,APS:@041944z4111.44N/09603.69Wv270/015/TM-D7/M2/IN SERVICE]"7e} A=001152
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041944z4111.44N/09603.69Wv270/013/E>dsy/M2/In Service]"7e}
KD0XQ-5>T1QQ4S,AJ0A,K0BOY-1*:'|\xl v/]"7Z}
KD0XQ-5>APK101,AJ0A,K0BOY-1*:@041943z4111.41N/09604.91Wv000/000/Mic-E/M2/In Service>

```
KD0XQ-5>APRS,AJ0A,K0BOY-1*:@041945z4111.43N/09604.92Wv000/000/E>dsy/M2/In
Service ]"7Z}
KD0XQ-5>T1QQ4S,K0BOY-1*,WIDE:'|\xl v/]"7]}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041944z4111.41N/09604.91Wv000/000/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041946z4111.43N/09604.92Wv000/000/E>dsy/M2/In
Service ]"7]}
KD0XQ-5>APK,APS:@041946z4111.45N/09604.28Wv270/039/TM-D7/M2/IN SERVICE]"7X}
A=001109
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041946z4111.45N/09604.28Wv270/034/E>dsy/M2/In
Service ]"7X}
KD0XQ-5>APK,APS:@041946z4111.44N/09604.87Wv268/005/TM-D7/M2/IN SERVICE]"7f}
A=001155
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041946z4111.44N/09604.87Wv268/004/E>dsy/M2/In
Service ]"7f}
KD0XQ-5>T1QQ4S,K0BOY-1*,WIDE:'|\wl v/]"7_}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041945z4111.41N/09604.90Wv000/000/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041947z4111.43N/09604.91Wv000/000/E>dsy/M2/In
Service ]"7_}
KD0XQ-5>T1QQ3X,K0BOY-1*,WIDE:'|]7nTbv/]"7K}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041946z4111.36N/09605.26Wv270/025/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041948z4111.38N/09605.27Wv270/025/E>dsy/M2/In
Service ]"7K}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>APMICE,APS:@041948z4111.43N]09604.90W/090/000/Mic-E/M2/IN
SERVICE"7k|'|\wl v/]"7k}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041948z4111.43N/09604.90W/090/000/E>dsy/M2/In
Service "7k|'|\wl v/]"7k}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>T1QQ4U,K0BOY-1*,WIDE:'|]U ,av/]"7O}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041947z4111.45N/09605.56Wv269/041/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041949z4111.45N/09605.57Wv269/041/E>dsy/M2/In
Service ]"7O}
KD0XQ-5>APK,APS:@041949z4111.43N/09604.91Wv000/000/TM-D7/M2/IN SERVICE]"7V}
A=001102
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041949z4111.43N/09604.91Wv000/000/E>dsy/M2/In
Service ]"7V}
KD0XQ-5>T1QQ4P,K0BOY-1*,WIDE:'|^H A"v/]"7R}
KD0XQ-5>APK,APS:@041950z4111.43N/09604.92Wv000/000/TM-D7/M2/IN SERVICE]"7Z}
A=001115
KD0XQ-5>APRS,AJ0A,K0BOY-1*/1:@041950z4111.43N/09604.92Wv000/000/E>dsy/M2/In
Service ]"7Z}
KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|^po|av/]"7N}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041949z4111.43N/09606.83Wv269/039/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041951z4111.44N/09606.84Wv269/039/E>dsy/M2/In
Service ]"7N}
KD0XQ-5>APK,APS:@041951z4111.43N/09604.92Wv000/000/TM-D7/M2/IN SERVICE]"7]}
A=001125
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041951z4111.43N/09604.92Wv000/000/E>dsy/M2/In
Service ]"7]}
KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|_^o"dv/]"7g}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041950z4111.43N/09607.65Wv272/030/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041952z4111.44N/09607.66Wv272/030/E>dsy/M2/In
Service ]"7g}
KD0XQ-5>APK,APS:@041952z4111.43N/09604.91Wv000/000/TM-D7/M2/IN SERVICE]"7_}
A=001132
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041952z4111.43N/09604.91Wv000/000/E>dsy/M2/In
Service ]"7_}
KD0XQ-5>APK,APS:@041952z4111.38N/09605.27Wv270/029/TM-D7/M2/IN
SERVICE]"7K}Steve\Mobile_KD0XQ@arrl.net A=001066
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041953z4111.38N/09605.27Wv270/025/E>dsy/M2/In
Service ]"7K}Steve\Mobile_KD0XQ@arrl.net
KD0XQ-5>APK,APS:@041954z4111.45N/09605.57Wv269/047/TM-D7/M2/IN SERVICE]"7O}
A=001079
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041954z4111.45N/09605.57Wv269/041/E>dsy/M2/In
Service ]"7O}
KD0XQ-5>T1QQ4U,K0BOY-1*,WIDE:'|`9mTev/]"7d}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041952z4111.45N/09608.28Wv273/015/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041954z4111.45N/09608.29Wv273/015/E>dsy/M2/In
Service ]"7d}
KD0XQ-5>APK,APS:@041955z4111.40N/09606.44Wv306/049/TM-D7/M2/IN SERVICE]"7R}
A=001089
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041955z4111.40N/09606.44Wv306/043/E>dsy/M2/In
Service ]"7R}
KD0XQ-5>T1QQ8W,RELAY,WIDE:'|`<liHv/]"7i}
```

KD0XQ-5>T1QQ8W,K0BOY-1*,WIDE:'|`<liHv/]"7i}
KD0XQ-5>APK101,RELAY,WIDE:@041953z4111.86N/09608.31Wv344/007/Mic-E/M2/In
Service>
KD0XQ-5>APRS,RELAY,WIDE:@041955z4111.87N/09608.32Wv344/007/E>dsy/M2/In
Service]"7i}
KD0XQ-5>T1QQ8W,N0RMO,K0BOY-1*:'|`<liHv/]"7i}
KD0XQ-5>APK,APS:@041955z4111.44N/09606.84Wv269/045/TM-D7/M2/IN SERVICE]"7N}
A=001076
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041955z4111.44N/09606.84Wv269/039/E>dsy/M2/In
Service]"7N}
KD0XQ-5>T1QR1W,K0BOY-1*,WIDE:'|`<oiVv/]"7b}
KD0XQ-5>APK,APS:@041956z4111.44N/09607.66Wv272/035/TM-D7/M2/IN SERVICE]"7g}
A=001158
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041956z4111.44N/09607.66Wv272/030/E>dsy/M2/In
Service]"7g}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041954z4112.16N/09608.31Wv358/037/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041956z4112.17N/09608.32Wv358/037/E>dsy/M2/In
Service]"7b}

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: [aprssig] Need D700 help

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Fri, 9 Jun 2000 14:35:12 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89847-2000.06.09-16.38.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 9 Jun 2000, Jon Ogden wrote:

>
> >
> > As far as the problem of keying the mic only clears the APRS data display,
> > this is still a bug on the D700 that has been fixed on the new (G)
> firmware
> > revision of the THD7 HT. Let's hope Kenwood offers a fix for the D700.
>
> I HAVE NEVER SEEN THIS BUG!

I have one of the first few D700's that arrived in the US. It too has the
bug.

When using voice on 2m on the "A" band when the APRS TNC is active on the
"B" band (also 2m), if certain APRS data is displayed, pressing the PTT
simply clears that data but does not activate the transmitter. As others
have pointed out, this is quite annoying when you don't realize that
you're not transmitting when you think you are!

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Boston Bound

From: Jon Ogden <jono@enteract.com>
Date: Fri, 09 Jun 2000 18:00:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89858-2000.06.09-18.01.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all.

Well, in a couple of hours I will be headed for Bean Town. I arrive late
tonite and will be heading directly to Hyannis Port where I will be until
Sunday afternoon.

I'll then be heading to Boston and staying there at the Marriot until
Thursday. My TH-D7A is coming with me as well as my VC-H1. So if there is
anyone who wants to trade video, shoot me a message when you see my icon.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Re: [aprssig] Need D700 help

From: Jon Ogden <jono@enteract.com>
Date: Fri, 09 Jun 2000 18:05:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89859-2000.06.09-18.06.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/9/00 3:30 PM, Brian B. Riley at brianbr@macconnect.com wrote:

> Jon, you have said this before; I still must disagree ... my D700
> (bought around March 4st from HRO Salem, NH) will only clear the
> screen when a data item is still on the screen. I had it happen only
> an hour ago. I launched into a long winded reply to a buddy of mine
> and was waiting for his reply only to hear him come on and ask if I
> was still around!!!
>

Well, then Kenwood must have changed the software or something. Because
after you mentioned it, I specifically went and tried to make it happen.
I've never had it happen. In fact, if you go back and look in the archives
on the report I wrote when I first got the radio back in late December that
one comment I made was that they fixed that bug. Believe me, I've tried to
make it happen multiple times. It doesn't.

And I haven't heard many others complain either.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: [aprssig] Need D700 help

From: Jon Ogden <jono@enteract.com>
Date: Fri, 09 Jun 2000 18:07:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89860-2000.06.09-18.08.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/9/00 4:35 PM, Julian M. Frost at jfrost@odaiko.ss.uci.edu wrote:

> I have one of the first few D700's that arrived in the US. It too has the
> bug.
>
> When using voice on 2m on the "A" band when the APRS TNC is active on the
> "B" band (also 2m), if certain APRS data is displayed, pressing the PTT

> simply clears that data but does not activate the transmitter. As others
> have pointed out, this is quite annoying when you don't realize that
> you're not transmitting when you think you are!

I've never seen it and I also have one of the first radios. I think we got
ours just about the same time, Julian.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] Re: D7A(G)

From: Jon Ogden <jono@enteract.com>
Date: Fri, 09 Jun 2000 18:09:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89861-2000.06.09-18.10.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/9/00 12:05 PM, Greg Noneman at greg@clubnet.net wrote:

>> You guys with PCs to program the radios are lucky. Don't complain.
>>
>> I use the Mac platform. No one writes TH-D7A or TM-D700A software for it.
>> I've always had to manually program the radio.
>>
>> Of course, I would rather manually program the radio than put up with
>> Windows! I use Windows at work and that is all I can stand!
>>
>
> I've been a Mac owner/user since 1984. I have had many Macs, both at
> work and at home. I love'em. But diatribe like this gets old pretty
> quick. It certainly doesn't get more people to write software for the
> Mac. About all comments like these do is give Mac users a bad name.

It's not a diatribe. It's the truth. What's wrong with saying that you
prefer one platform over another even if it lacks software you'd like to
have? Honestly, one Windows machine is all I can stand. And I am even a
Microsoft stock owner!

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] APRSdata version DA2

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 9 Jun 2000 20:33:57 -0400 (EDT)

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89880-2000.06.09-19.37.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Three versions today. THis last one forces NORMAL mode since we still
have some softwares that do not properly decode the compressed format.
The first versions of APRSdata sent out the objects compressed and users
were reporting problems.

The latest will UNZIP to version DA2.

This is the only difference to DA1. But DA1 will revert to COMPRESSED
every time it starts... :-(

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] Re: D700 error in position string

From: Bill Diaz <billdiaz@megsinet.net>
Date: Fri, 9 Jun 2000 20:08:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89882-2000.06.09-20.11.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim,
  I've been looking thru the packets you provided in an attempt to identify
patterns that may give us an idea of what is happening to the D700 and other
packets.

The mixing of packets :
KD0XQ-5>T1QQ4S,K0BOY-1*,WIDE:'|\vlv/]"7k|'|\wlv/]"7k}Steve\Mobile_KD0XQ@ar
rl.net
This looks like a status packet that has the information from a position packet
inserted..
Note that the locations are different in each MicE location.
The next packet is a position packet that is similar to the embedded position
packet above
KD0XQ-5>T1QQ4S,K0BOY-1*,WIDE:'|\wl v/]"7V}

Here are packets that are timestamped the same, but all convey different
information. You need to look closely to see the difference between the first
and second packets.
KD0XQ-5>APK,APS:@041940z4111.00N/09602.57Wv315/010/TM-D7/M2/IN SERVICE]"7Y}
A=001112
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041940z4111.00N/09602.57Wv315/009/E>dsy/M2/In
Service]"7Y}
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041940z4111.45N/09604.28Wv270/034/E>dsy/M2/In Se
rvice]"7X}

The timestamps are inserted into the packet by the application converting the
packets. What are the chances of all of these applications having the same
exact system time? Lack of time synchronization may be creating the perception
that packets are arriving out of sequence. The sequence may be reasonable, but
a timestamp may not be. The same MicE packet could be placed on the Internet
feed by 3 different applications and each application could be supplying a
different timestamp. Or entirely different locations could be placed on the
Internet feed using the same exact timestamp.

The above example was edited slightly, by removing a single packet for clarity.
The actual packet received sequence was :
KD0XQ-5>APK,APS:@041940z4111.00N/09602.57Wv315/010/TM-D7/M2/IN SERVICE]"7Y}
A=001112
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041940z4111.00N/09602.57Wv315/009/E>dsy/M2/In
Service]"7Y}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041939z4111.45N/09604.26Wv270/034/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041940z4111.45N/09604.28Wv270/034/E>dsy/M2/In
Service]"7X}

If seems plausible that several WIDES may be receiving the same packet but
inserting different timestamps during the conversion process.
 .
Bill KC9XG

On Friday, June 09, 2000 3:33 PM, Jim Gill [SMTP:gillj@uswest.net] wrote:

> I'm sorry, this message might be somewhat long. Refers to D700 and Igate
> packet reformulation. This is the data some have been asking for. Delete if
> unwanted.
>
SNIP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] Re: D700 error in position string

From: "Zanella, Larry" <larry.zanella@attws.com>
Date: Fri, 9 Jun 2000 09:59:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89888-2000.06.09-21.23.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No.

        From: Jon Ogden [SMTP:jono@enteract.com]
        Sent: Friday, June 09, 2000 9:50 AM
        To: TAPR Hot Technology APRS; Larry Zanella
        Subject: Re: [htaprs] Re: D700 error in position string

        Do you have position ambiguity turned on?

        ----- Original Message -----
        From: "Larry Zanella" <larry.zanella@attws.com>
        To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
        Sent: Friday, June 09, 2000 11:20 AM
        Subject: [htaprs] Re: D700 error in position string

        > Brian,
        >
        > I don't think so. Other mobiles in my neighborhood track just
fine. Also,
        > these errant tracks are painted even when I am being tracked 50
miles away
        > from my QTH. I consistently am painting one perfecrt track, and 2
to 3
        > erroneuos ones. The erroneous ones go out over a 1,000 miles.
        >
        > Larry
        >
        > BTW - I have 2 of the D700's. They both do this. They are both
less than 3
        > weeks old.
        >
        > ---
        > You are currently subscribed to htaprs as: jono@enteract.com
        > To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
        >
        >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

122. [htaprs] Re: D700 error in position string

From: Bill Diaz <billdiaz@megsinet.net>
Date: Fri, 9 Jun 2000 22:43:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89896-2000.06.09-22.46.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim,
  I decoded 3 MicE packets and looked for converted packets that matched
exactly.

KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|Zi "bv/]"7h}Steve\Mobile_KD0XQ@arrl.net
AFilter decoded the first MicE Packet as :
KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|Zi "bv/]"7h}Steve\Mobile_KD0XQ@arrl.net
 (4111.44N 09602.76W 270/40/In service)

The next 2 packets were close, but no exact match. This could be rounding
differences or different packets.
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041937z4111.43N/09602.76Wv270/040/Mic-E/M2/In
Service>
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041938z4111.44N/09602.77Wv270/040/E>dsy/M2/In
Service]"7h}Steve mobile_KD0XQ@arrl.net

KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|[am@bv/]"7e}
The second MicE Packet is decoded as :
KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|[am@bv/]"7e} (4111.44N 09603.69W 270/13/In
service)
KD0XQ-5>APK,APS:@041939z4110.85N/09602.46Wv003/012/TM-D7/M2/IN SERVICE]"7W}
A=001106
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041939z4110.85N/09602.46Wv003/010/E>dsy/M2/In
Service]"7W}
Close but not a match.
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041938z4111.43N/09603.68Wv270/013/Mic-E/M2/In
Service>

The following packet exactly matches the second MicE Packet decoded :
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041939z4111.44N/09603.69Wv270/013/E>dsy/M2/In
Service]"7e}

KD0XQ-5>T1QQ4U,K0BOY-1*,WIDE:'|\8oJbv/]"7X}
The third MicE Packet is decoded as :
KD0XQ-5>T1QQ4U,K0BOY-1*,WIDE:'|\8oJbv/]"7X} (4111.45N 09604.28W 270/34/In
service)
KD0XQ-5>APK,APS:@041940z4111.00N/09602.57Wv315/010/TM-D7/M2/IN SERVICE]"7Y}
A=001112
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041940z4111.00N/09602.57Wv315/009/E>dsy/M2/In
Service]"7Y}
Close but not a match
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041939z4111.45N/09604.26Wv270/034/Mic-E/M2/In
Service>
The following packet exactly matches the third MicE Packet decoded :
KD0XQ-5>APRS,K0BOY-1*,WIDE:@041940z4111.45N/09604.28Wv270/034/E>dsy/M2/In
Service]"7X}

If 3 different applications convert locations differently, or assign different
timestamps, there is no way that APRServe can detect duplicate location packets
that originated from a single Mic-E packet. Each will be treated as a separate
and distinct location packet by APRServe, and the enduser application. If the
user attempts to display a track using the data in the example, the track will
likely contain as many as 3 locations for every MicE packet generated, and the
track may spiral or wander in random fashion. If packets are arriving out of
sequence or are delayed any length of time the spurious tracks may be greatly
exaggerated.

This is not the fault of the D700. This is a system issue involving the
integrity of the MicE location data. The cause appears to be iconsistant
conversion of the Mic-E data by IGATES.

Bill KC9XG

On Friday, June 09, 2000 3:33 PM, Jim Gill [SMTP:gillj@uswest.net] wrote:
> I'm sorry, this message might be somewhat long. Refers to D700 and Igate
> packet reformulation. This is the data some have been asking for. Delete if
> unwanted.
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: D700 error in position string

From: David VanHorn <dvanhorn@cedar.net>
Date: Sat, 10 Jun 2000 01:13:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89930-2000.06.10-01.17.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

We had a similar but different problem in the banking industry.

Solved by implementing a "sequence number". Simply a single byte that is
incremented each time the terminal sends a transaction. In this case, same

callsign, same sequence, same packet. How you choose which to accept is
beyond me, but it would at least identify when there are dupes.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOUH4moFlGDz1l6VWEQL6WACg7/Lcr8dGDr6mgOkpNQffO18TKFkAmgOw
KKUMv9hrmcixWXw4mXJ4Vyto
=T0Co
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] APRSdata discoveries

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 10 Jun 2000 11:11:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89973-2000.06.10-10.15.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Three items:

1)   When you send a QDOS Query for DIGI it returns the nearest WX and
when you Query for WX, you get the nearest DIGI! ARGH! WIll fix Mon.

2) The REAL advantage of APRSdata is that now MOBILES and HT's can access
all of the remote WX sites that report only in raw PEET brothers format.
In the past, this data was not decoded directly by the radios.

3) The NEXT data file I want to add to my system is the CLUB file. In
the greater Wash/DC metro area, there are over 100 clubs! Just imagine
anytime, anywhere when you are driving around in another part of town and
have some time on your hands, you simply do a QDOS CLUB and back comes an
OBJECT showing you their location, meeting times and FREQUNECY!

ANyone want to take the AUTOCALL magazine and start building the CLUB file
for the Washington DC area??? (remember, you have to squeeze the freq and
times into only 20 characters for display on the THD7's "tiny-web-page"...
But it's easy!

```
+-----------+
| AARC      |
| 1st Thurs |
| 147.105   |
+-----------+
```

And remember that the Radio then computes the Direction and DISTANCE for
you individually!   You cannot even get that on the internet!

4) ANd to properly do the ZIP codes, remember to download the entire
zipped up zip code ZIP file and then pull out the ZIPS.xxx file just for
your area. These are BIG files, and so you only want the ZIPS for your
area only...

de WB4APR, BOb

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] D7A Cig cable

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Sat, 10 Jun 2000 10:30:21 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89990-2000.06.10-11.28.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kent KQ4KK wrote:
> I've been using a car adapter from an old ICOM
> 24AT(that drowned in a flood). Works fine.
> Has a cap. and an inductor in it.

de lumpy:
For a 110v D7A supply, I use an old 12v 1.5a
laptop power supply. Same supply powers my
KPC3+ and my Alinco HT (@ 5w RF). They
all exist in harmony, plenty of current
for all, charges and doesn't seem to
damage the battery (maha 1300 mah).

Those kids with the gazillion db car
stereos use several hun-thousand mfd caps
in parallel across the 12volts that
powers their amps, theoretically
buffering the power and allowing
the traffic light annoyance factor
to be more balanced.

I usually put some capacitance across the
output of just about any power supply
just for fun. Not sure that I can note
any difference, but I'm probably not
creating the same kind of current draw
as those stereo amps.

If I knew more about hysteresis, I'd
probably hang a coil on them, as well.

Blasting a loud packet brrrraaappp at the
traffic lights on cruise night! Way cool!
Chick magnet!

lumpy
__. __ __ __ __ __   .   __ __ . __
The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Re: D7A Cig cable

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 10 Jun 2000 12:32:12 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89991-2000.06.10-11.34.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The real problem with those big caps and it can be come a big problem
is the inrush current. Those huge caps look like a dead short for a
fraction of a second when power is first applied

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

----- Original Message -----
From: "Lumpy" <lumpy@digitalcartography.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, June 10, 2000 12:30 PM
Subject: [htaprs] D7A Cig cable

> Kent KQ4KK wrote:
> > I've been using a car adapter from an old ICOM
> > 24AT(that drowned in a flood). Works fine.
> > Has a cap. and an inductor in it.
>
> de lumpy:
> For a 110v D7A supply, I use an old 12v 1.5a
> laptop power supply. Same supply powers my
> KPC3+ and my Alinco HT (@ 5w RF). They
> all exist in harmony, plenty of current
> for all, charges and doesn't seem to

> damage the battery (maha 1300 mah).
>
> Those kids with the gazillion db car
> stereos use several hun-thousand mfd caps
> in parallel across the 12volts that
> powers their amps, theoretically
> buffering the power and allowing
> the traffic light annoyance factor
> to be more balanced.
>
> I usually put some capacitance across the
> output of just about any power supply
> just for fun. Not sure that I can note
> any difference, but I'm probably not
> creating the same kind of current draw
> as those stereo amps.
>
> If I knew more about hysteresis, I'd
> probably hang a coil on them, as well.
>
> Blasting a loud packet brrrraaappp at the
> traffic lights on cruise night! Way cool!
> Chick magnet!
>
> lumpy
> __. __ __ __ __ __   .   __ __ . __
> The Very Unofficial Colorado APRS Page
> http://www.digitalcartography.com
>
>
> ---
> You are currently subscribed to htaprs as: brianbr@macconnect.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Re: Tiny-Web-Pages!

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Sat, 10 Jun 2000 11:00:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-89997-2000.06.10-12.04.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote
> ..."Tiny-Web-Pages"...
> ...Stayed up most of the night
> and now we have APRSdata.exe...

Very nicely done, bob...:-)
I'll have it running in an hour.

'spose we give it the tac call of QDOS.
What happens when there's x number
of QDOS's?

lumpy n0eq
__. __ __ __ __ __   .   __ __ . __
The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] APRSdata BETA

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 10 Jun 2000 18:16:29 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@lists.tapr.org
Message-ID: <LYR845-90043-2000.06.10-17.19.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

New version fixes DIGI and WX reversal and adds FD and CLUB data. Of
course, you will need to edit these files for your area... Since I did
NOT have time to test it at all (I stole this time from Honey-dos) I
posted it as:

 ftp://tapr.org/aprssig/dosstuff/APRSdos/adatbeta.zip

ALso, I am trying in this version to just IGNORE errors and let the
program resume on its own... It will keep a running count of how often
this occurs.. You will get the Orange Screen of death, but it should
resume after 20 seconds...

Bob

 On Sat, 10 Jun 2000, Bob Bruninga wrote:

> Three items:
>
> 1)   When you send a QDOS Query for DIGI it returns the nearest WX and
> when you Query for WX, you get the nearest DIGI! ARGH! WIll fix Mon.
>
> 2) The REAL advantage of APRSdata is that now MOBILES and HT's can access
> all of the remote WX sites that report only in raw PEET brothers format.
> In the past, this data was not decoded directly by the radios.
>
> 3) The NEXT data file I want to add to my system is the CLUB file. In
> the greater Wash/DC metro area, there are over 100 clubs! Just imagine
> anytime, anywhere when you are driving around in another part of town and
> have some time on your hands, you simply do a QDOS CLUB and back comes an
> OBJECT showing you their location, meeting times and FREQUNECY!
>
> ANyone want to take the AUTOCALL magazine and start building the CLUB file
> for the Washington DC area??? (remember, you have to squeeze the freq and
> times into only 20 characters for display on the THD7's "tiny-web-page"...
> But it's easy!
>
> +-----------+
> | AARC |
> | 1st Thurs |
> | 147.105 |
> +-----------+
>
> And remember that the Radio then computes the Direction and DISTANCE for
> you individually!   You cannot even get that on the internet!
>
> 4) ANd to properly do the ZIP codes, remember to download the entire
> zipped up zip code ZIP file and then pull out the ZIPS.xxx file just for
> your area. These are BIG files, and so you only want the ZIPS for your
> area only...
>
> de WB4APR, BOb
>
>
>
> ---
> You are currently subscribed to aprssat as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-aprssat-15095R@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] Re: Kenwood D700 question.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 10 Jun 2000 18:23:53 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org

Message-ID: <LYR845-90047-2000.06.10-17.27.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried this via the radio control port of hte D700?

That is, turning on FULLDUPLEX while in APRS mode? If this CAN be done,
then a simple PIC "dangle" can be used to out the mobile into APRS
Satellite mode!

 On Sat, 10 Jun 2000, John Hansen wrote:

> This seems to conflict with the information on your web page which says
> that the TNC won't operate in Full duplex when in APRS mode. If
> correct about this, it would be useful to know how to do this via the
> serial port regardless of what we do about the keyboard.   I checked the
> Web page that talks about controlling APRS parameters from the serial port
> (http://home.netcom.com/~jimgill/tmd700a.htm) but found nothing relating to
> this. Could Shin be mistaken about this?

We have been back and forth on this, but it still remains to be proven.
Just seend the command to cnotrol the TNC, then issue the FULLD ON command
then exit command mode, and it "may"? "should"? work?

I konw the old D7 would RESET the TNC when you exited the TNC command mode
and so it would always restore the APRS values. But maybe the D700 wont?

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Re: Tiny-Web-Pages!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 10 Jun 2000 18:32:07 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90050-2000.06.10-17.35.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 10 Jun 2000, Lumpy wrote about Bob's: ..."Tiny-Web-Pages"...
>
> 'spose we give it the tac call of QDOS.
> What happens when there's x number of QDOS's?

Dont do it.

Someone asked about overlaping areas of coverage? ALthough we need to
manage this quite closely, it can actually be a benefit. Imagine a
station between CITY A and CITY B, both of them have an APRSdata running.

The user does a QDOS for the nearest FD site and back come two OBJECTS.
One is from the database of CITY A and the other is from a different
database of CITY B. Now our user is half way inbetween, yet he gets TWO
to chose from. One probably towards A and the other probably towards B.

Just a thought....

de WB4APR, BOb

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Re: building *.pos files

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 10 Jun 2000 19:02:03 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-90057-2000.06.10-18.05.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 10 Jun 2000, Mark A. Foley wrote:

> Guess I missed the discussion on how to build pos files...is it documented
> somewhere?

In the usual place... APRSdos files. In the README\OVERLAYS.TXT file...

But just look at any file in the POS*.POS directory and it is obvious...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] TH-D7A(G) Control Commands

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sat, 10 Jun 2000 16:20:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90058-2000.06.10-18.21.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you working to modify your software for the new TH-D7(G), I
have noted the changes to the control commands in blue. I have probably
missed a few things, so let me know if you find any errors and I will update
it.

Control Commands
http://www.radiohound.com/command.htm

Thanks,
Walter
http://www.radiohound.com/2000upgrade.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] APRS Tiny-Web-Page Examples

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 10 Jun 2000 20:01:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@lists.tapr.org
Message-ID: <LYR845-90063-2000.06.10-19.05.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you without a D7, here is what some of these Tiny-Web-Pages
(TWP's) look like on the Handheld. The handheld displays the data on as
many as 5 sub-pages. The D700 mobile has a much larger front panel and
displays it all one one page. I will show only the small HT screen in
these examples... Fuzzy photos are on the following WEB page:

http://web.usna.navy.mil/~bruninga/satinfo.html

Set your Email to display FIXED FONT, 80 columns!
The first two examples are what APRSdata.exe "pushes" to all users on
the terrestrial APRS frequency. THe first one once a minute when a
satellite is in view. THe second once every 10 minutes to the DX LIST.

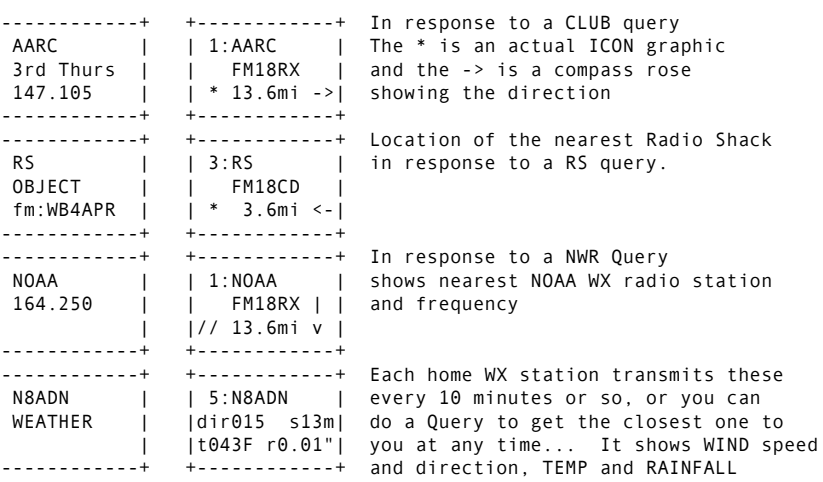
```
+------------+   +------------+  Satellite-in-view PAGE
| AO27       |   | 1:AO27     |  Showing Up and Down freqs plus doppler
| 145.85  -2 |   |   FM18RX   |  Showing Range and direction
| 435.795 +6 |   | * 1028mi ->|  Other page (not shown) shows CSE and SPD
+------------+   +------------+
```

When the satellite gets to within about 1000 miles, you can work it from
the mobile or the HT usually..

```
+------------+   Future PASS predicitions updated every 10 minutes
| UO22@1435  |   as listed in the D7's DX list showing all FM satellites
| SO35@1453  |   expected in the next 80 minutes
| UO14@1532  |
+------------+
```

The following examples show the type of information that can be delivered
to the TH-D7 handheld display in response to a Query. The first screen

is the "immediate" screen that summarizes the data the instant the packet comes in. It is displayed for 10 seconds. After that, it is stored in the STATION LIST along with the last such 40 items. Each such ITEM has actually 5 "Tiny-Web-Pages" of detail. Only the first two are shown here. THe others show exact LAT/LONG, and CSE/SPEED and other data..



Will this overload the APRS frequency? No. Each such query response is only a SINGLE 1 second packet. (Locally generated and managed.)

Home stations don't need it. ALL of this data is already built into every copy of APRS(dos), so anyone running at home already has access to this data on his screen. These TWP's are only for the mobile who does NOT have a running APRS laptop. THus it is a small number of users that will be requesting data at any time. Even during COMMUTER hours, less than 10% of all stations on the air are mobiles...

Oh the fun we will have building these TWP databases of AMATEUR RADIO RELATED or HAM TRAVELER data for users...!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] APRS Tiny-Web-Page Examples

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 10 Jun 2000 23:57:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, amsat-bb@amsat.org
Message-ID: <LYR845-90085-2000.06.10-23.00.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know you are getting tired of this, but one thing I left out of the TIny-Web-Page (TWP) examples are of course:

1) DX SPOTS. Both radios will capture and display DX SPOTS when tuned to a DX cluster frequency

2) APRS Stations. And of course, every APRS station on the air is displayed as a 5 window "tiny-web-page"...

So I just thought of another QUERY-Response. If you "Query DX" then what you get back on the APRS channel is a "TWP" showing you the nearest DX CLuster, its Frequency, and its direction and distance from you.

Right now I sure could use this information. I wanted to tune in a DX spot to capture an example for this Email, but I have no clue what frequency they are on. Sure would have been nice to do a QDOS DX and have the answer back in a few seconds... :-(

Does anyone know where we can get a list of the LAT/LONG and FREQ of every DX cluster???

de WB4APR, BOb

P.S. I only cross posted this to the AMSAT-BB because of the SATELLITE
Tracking and SATELLITE SCHEDULE which were the original idea behind these
"TWP's". The fact that they are forced to all users shows how great a
resource these are for all satellite operators...

>From now on, I will try to contain my enthusiasm :-)
and keep it over on the APRS sig as this concept further develops...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] New Version D7A suggestion

From: "Eric A. Cottrell" <eac@shore.net>
Date: Sun, 11 Jun 2000 07:51:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90143-2000.06.11-07.54.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I see that the old D7A program will not work with the new D7A. Has anyone
tried just downloading memories to the D7A instead of downloading all?

I suspect with the new parameters in the radio that the number of parameters
downloaded has changed. You may be able to get around it by just downloading
the memories.

Well I sent my D7A in for repair and upgrading last tuesday. No word yet but
I think it will be a few weeks before it is returned.

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Re: New Version D7A suggestion

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sun, 11 Jun 2000 06:50:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90150-2000.06.11-08.58.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, I tried it a few days ago. It will not work with Kenwoods software, but
will work with Link7's.
You can write in values for all the channels you want, then press write.

Here's the link:
http://www.qsl.net/wa3hrl/link7.html

But, do not try to load the whole .d7 file. It will not work.

Walter

----- Original Message -----
From: "Eric A. Cottrell" <eac@shore.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, June 11, 2000 5:51 AM
Subject: [htaprs] New Version D7A suggestion

> Hello,
>
> I see that the old D7A program will not work with the new D7A. Has anyone
> tried just downloading memories to the D7A instead of downloading all?
>
> I suspect with the new parameters in the radio that the number of
parameters
> downloaded has changed. You may be able to get around it by just
downloading
> the memories.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: Kenwood D700 question.

From: John Hansen <john@hansen.net>
Date: Sun, 11 Jun 2000 11:01:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-90159-2000.06.11-10.05.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>We have been back and forth on this, but it still remains to be proven.
>Just seend the command to cnotrol the TNC, then issue the FULLD ON command
>then exit command mode, and it "may"? "should"? work?
>
>I konw the old D7 would RESET the TNC when you exited the TNC command mode
>and so it would always restore the APRS values. But maybe the D700 wont?
>
>Bob
>

If I understand what you are saying here, you are suggesting putting it in full duplex while it is in TNC mode, then moving it back to APRS mode. I've tried that and when it gets back to APRS mode it is not in full duplex. Perhaps I misunderstood the instructions, or perhaps Shin knows of an undocumented command via the serial port in APRS mode that will do this.

John

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] [aprssig] Mile Markers

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 11 Jun 2000 11:23:56 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90164-2000.06.11-10.27.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just thought of another Tiny-Web-Page that again uses information already built into APRSdos... Mile Markers.

If a D7 Queries MM#145 I95
He gets back an object at that mile marker. SHwoing him the range and bearing to that location!.

Have you ever noticed that when you break down, there is never a Mile marker in sight? ANd then when you call on the local repeater and say that you need help at LAT/LONG coordinates, no one on the voice repeater has a clue where you are?

That's the importance of Mile Markers in APRS. It is a "translator" between APRS/GPS users and VOICE TRAVELERS/Police. I find it invaluable while QSOing on the interstates.

Or, You hear a VOICE user that needs help at MM 113. YOu use your D7 or D700 to QDOS MM#113 I95 and bingo, you get an object at that location!
... Well, close enough anyway. The APRSdos MM system should get you to within a mile or so. Its built in for the whole country.

But if you are serious about APRSdata for your local area, it can be easily improved to 0.1 mile accuracy or better by simply adding finer detail in the data base for your area.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Help: pocketAPRS & GPS

From: "Eric Cuthbert" <va3ewc@rac.ca>
Date: Sun, 11 Jun 2000 11:3:17
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-90169-2000.06.11-11.06.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Guys, can somebody help me figure out why I cant get my gps working with
pocketaprs (equipment and settings are listed below). Probably just
missing something silly but I cant see it!!

The gps works fb with the d700/d7a in aprs mode but when I use
"pocketAPRS", I get the gps with a grayed out circle and slash indicating
that the gps is not there or bad data. The "I Am Here feature" showes "!"
and no "x hairs". When selected and tapped, my position is manually placed
and not updated. All other features of the program work fb.

I have checked that the gps info is working with the rig. I have tried with
a 4800 & 9600 Baud rate and nothing works.

Any help would be appreciated.

-=73=-   Eric - va3ewc

Equipment and settings:

Radio: D700
       aprs packet mode
       nmea96
       com port - 9600

GPS: Eagle Explorer

       nmea 0183 (2.0)
       nmea out - on
       string - rmc/rmb
       Baud rate - 9600
       Parity - none
       Data bits - 8

Palm: PalmIIIxe

PocketAPRS - v.1.08 (also tried v.1.05)
Settings:
        Call - va3ewc-9
        UTC - -5
        TNC type - Kenwood
        Dual port TNC checked
        GPS checked
        Dara rate - 9600
        ARC unit - DD MM mm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Re: D700 error in position string

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sun, 11 Jun 2000 11:32:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90175-2000.06.11-11.35.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I ran a test this morning with my D700, AFilter, and WinAprs 2.4.7.
KC9XG-1 is my digipeater, and is running with WinAprs 2.4.7
AFilter was monitoring the Internet feed using a seperate computer, and
capturing data orginated by KC9XG-14 (D700)

The following was captured in real time from the Internet feed.
Comments were added as positions were reported.
The D700 was configured to send location every five minutes and
status text 1/3

KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111447z4134.33N/08803.26Wk000/000/Mic-E
/M0/Off duty>
KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111527z4134.34N/08803.28Wk000/000/E>dsy/M
0/Off duty..]"64}
NOTE Same packet, but time differs by 40 minutes, and location is different

KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111452z4134.33N/08803.26Wk179/000/Mic-E
/M0/Off duty>
KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111532z4134.34N/08803.28Wk179/000/E>dsy/M
0/Off duty..]"6+}

NOTE next packet, same situation

Changed KC9XG-14 status to In Service.

KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111457z4134.33N/08803.26Wk136/000/Mic-E
/M2/In Service>
KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111537z4134.34N/08803.28Wk136/000/E>dsy/M
2/In Service]"65}Monitor 146.52

Status change showed up. Timestamps and location different. One packet has no
status text.

KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111502z4134.33N/08803.26Wk000/000/Mic-E
/M2/In Service>
KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111542z4134.34N/08803.28Wk000/000/E>dsy/M
2/In Service]"6D}

KC9XG-14>APK002,KC9XG-1,N9NWA,N9RER-15*:@111507z4134.33N/08803.26Wk265/000/M
ic-E/M2/In Service>
KC9XG-14>APRS,KC9XG-1,N9NWA,N9RER-15*:@111547z4134.34N/08803.28Wk265/000/E>d
sy/M2/In Service]"6<}

KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111512z4134.33N/08803.26Wk219/000/Mic-E
/M2/In Service>
KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111552z4134.34N/08803.28Wk219/000/E>dsy/M
2/In Service]"6;}Monitor 146.52

Changed status to enroute

KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111517z4134.31N/08803.26Wk000/000/Mic-E
/M1/Enroute>
KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111557z4134.33N/08803.28Wk000/000/E>dsy/M
1/Enroute...]"6:}

The same D700 packets show up consistantly with 2 different locations and
timestamps that are 40 minutes apart. The locations differ by as much as .02
minutes latitude, and .02 minutes longitude. One includes status text and the
other doesn't.

AFilter did not detect the raw D700 KC9XG-14 packets. Other raw D700 packets
show up for other D700 stations.

WinAPRS 2.4.7 showed that N9NWA and N9RER-15 were digipeating the packets. The
time shown by WinAPRS for the last packet was 111557z.

KC9XG-14 D700 data is being corrupted by at least one IGATE. Your mileage may
vary.

Bill KC9XG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] tiny web page list

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Sun, 11 Jun 2000 10:44:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90181-2000.06.11-11.43.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Make a truly tiny list.
Just one entry. In my case it's called
DIA.POS
it's just the pos file for that airport.
Then if I need to know how close I'm getting,
just query DIA.

lumpy n0eq
__. __ __ __ __ __   .   __ __ . __
The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] Re: D700 error in position string

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Sun, 11 Jun 2000 09:49:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90191-2000.06.11-11.53.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The time difference could be just that the times on the 2 IGate's computer was different. This is a problem with creating packets from other packets. There is a simple solution. It never will get implemented. Too many people involved, too many programs.

Brent

> I ran a test this morning with my D700, AFilter, and WinAprs 2.4.7.
> KC9XG-1 is my digipeater, and is running with WinAprs 2.4.7
> AFilter was monitoring the Internet feed using a seperate computer, and
> capturing data orginated by KC9XG-14 (D700)
>
> The following was captured in real time from the Internet feed.
> Comments were added as positions were reported.
> The D700 was configured to send location every five minutes and
> status text 1/3
>
>
> KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111447z4134.33N/08803.26Wk000/000/Mic-E
> /M0/Off duty>
> KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111527z4134.34N/08803.28Wk000/000/E>dsy/M
> 0/Off duty..]"64}
> NOTE Same packet, but time differs by 40 minutes, and location is different
>
> KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111452z4134.33N/08803.26Wk179/000/Mic-E
> /M0/Off duty>
> KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111532z4134.34N/08803.28Wk179/000/E>dsy/M
> 0/Off duty..]"6+}
> NOTE next packet, same situation
>
> Changed KC9XG-14 status to In Service.
>
>
> KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111457z4134.33N/08803.26Wk136/000/Mic-E
> /M2/In Service>
> KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111537z4134.34N/08803.28Wk136/000/E>dsy/M
> 2/In Service]"65}Monitor 146.52
>
> Status change showed up. Timestamps and location different. One packet has no
> status text.
>
> KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111502z4134.33N/08803.26Wk000/000/Mic-E
> /M2/In Service>
> KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111542z4134.34N/08803.28Wk000/000/E>dsy/M
> 2/In Service]"6D}
>
> KC9XG-14>APK002,KC9XG-1,N9NWA,N9RER-15*:@111507z4134.33N/08803.26Wk265/000/M
> ic-E/M2/In Service>
> KC9XG-14>APRS,KC9XG-1,N9NWA,N9RER-15*:@111547z4134.34N/08803.28Wk265/000/E>d
> sy/M2/In Service]"6<}
>
> KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111512z4134.33N/08803.26Wk219/000/Mic-E
> /M2/In Service>
> KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111552z4134.34N/08803.28Wk219/000/E>dsy/M
> 2/In Service]"6;}Monitor 146.52
>
> Changed status to enroute
>
> KC9XG-14>APK002,KC9XG-1*,RELAY,WIDE:@111517z4134.31N/08803.26Wk000/000/Mic-E
> /M1/Enroute>
> KC9XG-14>APRS,KC9XG-1*,RELAY,WIDE:@111557z4134.33N/08803.28Wk000/000/E>dsy/M
> 1/Enroute...]"6:}
>
>
> The same D700 packets show up consistantly with 2 different locations and
> timestamps that are 40 minutes apart. The locations differ by as much as .02
> minutes latitude, and .02 minutes longitude. One includes status text and the
> other doesn't.
>

> AFilter did not detect the raw D700 KC9XG-14 packets. Other raw D700 packets
> show up for other D700 stations.
>
> WinAPRS 2.4.7 showed that N9NWA and N9RER-15 were digipeating the packets. The
> time shown by WinAPRS for the last packet was 111557z.
>
> KC9XG-14 D700 data is being corrupted by at least one IGATE. Your mileage may
> vary.
>
> Bill KC9XG
>
>
>
> ---
> You are currently subscribed to htaprs as: bhildebrand@earthlink.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] re: help pocketAPRS & GPS

From: "Eric Cuthbert" <va3ewc@rac.ca>
Date: Sun, 11 Jun 2000 11:53:45
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90192-2000.06.11-11.56.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well....not 5 minutes after I sent my help msg, I figured out my gps
problem. Turns out that the pocketaprs likes gps data @ 4800 and not 9k6. I
figured that everything should be the same baud rate(tnc, com port and gps
)....go figure.

sorry for the band width

-=73=-   Eric - va3ewc

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Re: D700 error in position string

From: David Vrona <dave@vrona.com>
Date: Sun, 11 Jun 2000 12:42:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90207-2000.06.11-12.46.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Regarding the time difference...

Perhaps the authors of the various IGate programs could implement NTP
functions into their code that can't be turned off ?????

At 09:49 AM 6/11/00 -0700, Brent Hildebrand wrote:
>The time difference could be just that the times on the 2 IGate's computer
>was different. This is a problem with creating packets from other
>packets. There is a simple solution. It never will get implemented. Too
>many people involved, too many programs.
>
>Brent

--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Re: D700 error in position string

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sun, 11 Jun 2000 13:06:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90210-2000.06.11-13.09.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave,

On Sunday, June 11, 2000 12:43 PM, David Vrona [SMTP:dave@vrona.com] wrote:
> Regarding the time difference...
>
> Perhaps the authors of the various IGate programs could implement NTP
> functions into their code that can't be turned off ?????

That may help to reduce the number of bad time stamps considerably but will not eliminate them. Packets could travel several hops, and get IGATED at one or more of these hops. If the packet arrives near a minute boundary then it is possible to have one or more of the converted packets with different timestamps.

If the enduser application was responsible for timestamps rather than IGATES, the timestamp would not be a factor. The enduser application could also then do it's own dupe checking and eliminate duplicate locations.

>
> At 09:49 AM 6/11/00 -0700, Brent Hildebrand wrote:
> >The time difference could be just that the times on the 2 IGate's computer
> >was different. This is a problem with creating packets from other
> >packets. There is a simple solution. It never will get implemented. Too
> >many people involved, too many programs.
> >
> >Brent

Bill KC9XG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: D700 error in position string

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sun, 11 Jun 2000 13:17:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90213-2000.06.11-13.25.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Bill Diaz" <billdiaz@megsinet.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, June 11, 2000 11:32 AM
Subject: [htaprs] Re: D700 error in position string
> I ran a test this morning with my D700, AFilter, and WinAprs 2.4.7.
> The following was captured in real time from the Internet feed.
> NOTE Same packet, but time differs by 40 minutes, and location is
different

This follows the exact pattern of trouble I've had here with Igating D700's. It was suggested that it is just a PC clock issue with other digpeaters. I don't think so... I've sat here and watched the data come in "real time" doing the same experiment as above, and the duplicate/unwanted packets really do arrive 10-20-30-40 minutes later.

In my case that I posted, I was the only Igate operating at the time

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] Re: D700 error in position string

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Sun, 11 Jun 2000 11:43:55 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90215-2000.06.11-13.47.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> ----- Original Message -----
> From: "Bill Diaz" <billdiaz@megsinet.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Sunday, June 11, 2000 11:32 AM
> Subject: [htaprs] Re: D700 error in position string
> > I ran a test this morning with my D700, AFilter, and WinAprs 2.4.7.
> > The following was captured in real time from the Internet feed.
> > NOTE Same packet, but time differs by 40 minutes, and location is

> different
>
> This follows the exact pattern of trouble I've had here with Igating D700's.
> It was suggested that it is just a PC clock issue with other digpeaters. I
> don't think so... I've sat here and watched the data come in "real time"
> doing the same experiment as above, and the duplicate/unwanted packets
> really do arrive 10-20-30-40 minutes later.
>
> In my case that I posted, I was the only Igate operating at the time

There are a number of issues with APRServe/APRSd, TCP/IP, what ever we call the "system". An example was presented today with packets with time difference of converted Mic-E/D7/D700 packets. I would assume that the packets as presented came in close proximity, yet with markedly different timestamp. That is one problem, and probably a local computer time problem.

There is another problem and that is the latency between APRS servers.   I have observed significant time delays with packets. I have watched my self drive home "in real time", with 15 minutes lag time. Or how about 2 TCP/IP stations trying to KB-to-KB where one is on one server, the other is on another. I've seen a number of minutes of delay between them. That is why I added a method to query the another APRS+SA station's server being used so both can be on the same "frequency".   Otherwise the lag intolerable. Note, this does not happen all the time.

So there are at least 2 issues with respect to timing of packets.

Brent KH2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Re: D700 error in position string

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sun, 11 Jun 2000 13:51:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90217-2000.06.11-13.55.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim,
  As I said, your mileage may vary. This depends on the number of hops, which IGATEs are doing the conversion, and possibly, the time of the month <grin>.
 In fact, my D700 packets are now taking a slightly different path now, using different digipeaters but the results appear to be the same since the same IGATE, N9RER-15 is still gating my packets with the 40 minute old timestamps.

It would be useful to know what software is being used in each IGATE. I wonder if this is available anywhere? It may be possible to determine the offending application(s) in your local area.

I can't imagine what would cause the delivery of a packet to be delayed by 10-20-30-40 minutes. Will continue to look.

On Sunday, June 11, 2000 1:18 PM, Jim Gill [SMTP:jimgill@ix.netcom.com] wrote:
> ----- Original Message -----
> From: "Bill Diaz" <billdiaz@megsinet.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Sunday, June 11, 2000 11:32 AM
> Subject: [htaprs] Re: D700 error in position string
> > I ran a test this morning with my D700, AFilter, and WinAprs 2.4.7.
> > The following was captured in real time from the Internet feed.
> > NOTE Same packet, but time differs by 40 minutes, and location is
> different
>
> This follows the exact pattern of trouble I've had here with Igating D700's.
> It was suggested that it is just a PC clock issue with other digpeaters. I
> don't think so... I've sat here and watched the data come in "real time"
> doing the same experiment as above, and the duplicate/unwanted packets
> really do arrive 10-20-30-40 minutes later.
>
> In my case that I posted, I was the only Igate operating at the time
>

Bill KC9XG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: D700 error in position string

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sun, 11 Jun 2000 14:03:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90219-2000.06.11-14.06.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

jimgill wrote:
> In my case that I posted, I was the only Igate operating at the time

Brent wrote:
> There are a number of issues with APRServe/APRSd, TCP/IP, what ever we
call the "system".
> There is another problem and that is the latency between APRS servers.

OOPS, darn problem with Outlook Express sending an unfinished reply I
thought I had moved to the Draft folder. What I meant to continue saying
was, I can understand the difference it timestamps of a few minutes, but I'm
watching the data come in real time so I can't suspect it being solely a
timestamp issue. Latency most likely.

As Bill asks, I'm curious as to what different versions are doing the
conversions; what TOCALL
they are sending their conversions to; and what criteria they try to
meet when selecting a packet for conversion, as in the example again below.

KD0XQ-5>T1QQ4T,K0BOY-1*,WIDE:'|[am@bv/]"7e}
KD0XQ-5>APK,APS:@041939z4110.85N/09602.46Wv003/012/TM-D7/M2/IN SERVICE]"7W}
A=001106
KD0XQ-5>APRS,K0BOY-1*,WIDE/1:@041939z4110.85N/09602.46Wv003/010/E>dsy/M2/In
Service]"7W}
KD0XQ-5>APK101,K0BOY-1*,WIDE:@041938z4111.43N/09603.68Wv270/013/Mic-E/M2/In
Service>

Of these TOCALLs, what software/version is responsible for each one? Also,
do any of these software versions attempt to convert something they heard on
the Internet stream (ie. something that may have *already* been converted)?
These conversions should ONLY be taking place at the point of entry, and not
somewhere downstream on the internet feed. Again, in our case, there was
only ONE Igate within RF range of the mobile (maybe a second at the fringe,
a third only in extreme tropo conditions), but at any time (locally here)
the number of possible entry points is entirely limited.

So why are these superfluous conversions taking place? The entry Igate
should do the conversion, post it to aprsserve, and that should be it.

Thanks
Jim N0RMO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] Mile Markers in TWP servers

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Sun, 11 Jun 2000 13:09:07 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90220-2000.06.11-14.07.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob B wrote:
> ...Tiny-Web-Page ...Mile Markers.

> ...D7 Queries MM#145 I95
> He gets back an object at that mile marker...

How do we do this. I don't see a mm.pos and
I don't see any return from MM#145 I95

lumpy

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] D700 and GPS: 4800 vs 9600 Interface Rate

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 11 Jun 2000 15:54:33
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90239-2000.06.11-15.57.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am currently using a D700 interfaced to the Garmin GPS 35-PC. I have the
D700 set to NMEA, which is defaulted at 4800 baud. However, I can also set
the D700 to NMEA 96, which will interface to the GPS unit at 9600 baud, as
opposed to 4800 baud. Will I see any noticable advantages in moving the
interface up to the faster speed?

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Upgrade for D7

From: "Stephen Prior" <smprior@worldnet.att.net>
Date: Sun, 11 Jun 2000 17:45:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90254-2000.06.11-17.46.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What are the datails and how and where will Kenwood upgrade the D7A. I have not seen anything from
Kenwood from the email server but I see many folks have already sent and received the upgrade already.

73
Steve
N3UYI

153. [htaprs] Re: D700 error in position string

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 11 Jun 2000 19:20:32 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90264-2000.06.11-18.22.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Bill Diaz" <billdiaz@megsinet.net>
Sent: Sunday, June 11, 2000 2:06 PM

> On Sunday, June 11, 2000 12:43 PM, David Vrona [SMTP:dave@vrona.com]
> wrote:
> > Regarding the time difference...
> >
> > Perhaps the authors of the various IGate programs could implement
NTP
> > functions into their code that can't be turned off ?????
>
> That may help to reduce the number of bad time stamps considerably
but
> will not eliminate them. Packets could travel several hops, and get
IGATED
> at one or more of these hops. If the packet arrives near a minute
boundary
> then it is possible to have one or more of the converted packets
with
> different timestamps.
>
> If the enduser application was responsible for timestamps rather
than
> IGATES, the timestamp would not be a factor. The enduser
application
> could also then do it's own dupe checking and eliminate duplicate
locations.
>
> > At 09:49 AM 6/11/00 -0700, Brent Hildebrand wrote:
> > >The time difference could be just that the times on the 2 IGate's
computer
> > >was different. This is a problem with creating packets from
other
> > >packets. There is a simple solution. It never will get
implemented. Too
> > >many people involved, too many programs.

Maybe I am missing something here, but the original packet either
comes out with a timestamp or the Mic-E format gets translated by an
Igate and the timestamp is put in ... any succeeding IGate should just
take it as is, it shouldn't be mucking with the timestamp. The data
BillD showed the time stamp changing after the packet had been
converted from Mic-E format. Now if some rogue IGate code is changing
things its should not be too hard to track it down. On the other hand
it doesn't make sense that a frame could be making its way around to
an IGate much farther away and getting converted later making the time
stamp being different more understandable but leaving unexplained why
the difference in conversion values for the position.

Does any body have a handle on just when this started happening? Is
it purely confined to D700 posits? Did anything else happen in the
same time frame (I.e. major re: of some IGate code, etc?)

--

Brian B. Riley, N1BQ   (ex-KA2BQE)
<http://www.wulfden.org>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: D700 error in position string

From: David Vrona <dave@vrona.com>
Date: Sun, 11 Jun 2000 19:02:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90272-2000.06.11-19.06.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just out of curiosity. Does anybody know how many different iGate programs
are out there?

dave
--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] Re: D700 error in position string

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sun, 11 Jun 2000 19:09:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90273-2000.06.11-19.12.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian,

On Sunday, June 11, 2000 6:21 PM, Brian B. Riley [SMTP:brianbr@macconnect.com]
wrote:
>
> ----- Original Message -----
> From: "Bill Diaz" <billdiaz@megsinet.net>
> Sent: Sunday, June 11, 2000 2:06 PM
>
> > On Sunday, June 11, 2000 12:43 PM, David Vrona [SMTP:dave@vrona.com]
> > wrote:
> > > Regarding the time difference...
> > >
> > > Perhaps the authors of the various IGate programs could implement
> NTP
> > > functions into their code that can't be turned off ?????
> >
> > That may help to reduce the number of bad time stamps considerably
> but
> > will not eliminate them. Packets could travel several hops, and get
> IGATED
> > at one or more of these hops. If the packet arrives near a minute
> boundary
> > then it is possible to have one or more of the converted packets

> with
> > different timestamps.
> >
> > If the enduser application was responsible for timestamps rather
> than
> > IGATES, the timestamp would not be a factor. The enduser
> application
> > could also then do it's own dupe checking and eliminate duplicate
> locations.
> >
> > > At 09:49 AM 6/11/00 -0700, Brent Hildebrand wrote:
> > > >The time difference could be just that the times on the 2 IGate's
> computer
> > > >was different. This is a problem with creating packets from
> other
> > > >packets. There is a simple solution. It never will get
> implemented. Too
> > > >many people involved, too many programs.
>
> Maybe I am missing something here, but the original packet either
> comes out with a timestamp or the Mic-E format gets translated by an
> Igate and the timestamp is put in ... any succeeding IGate should just
> take it as is, it shouldn't be mucking with the timestamp. The data
> BillD showed the time stamp changing after the packet had been
> converted from Mic-E format. Now if some rogue IGate code is changing
> things its should not be too hard to track it down. On the other hand
> it doesn't make sense that a frame could be making its way around to
> an IGate much farther away and getting converted later making the time
> stamp being different more understandable but leaving unexplained why
> the difference in conversion values for the position.

MicE packets do not contain timestamps.

One MicE packet may be heard by multiple IGATEs. The IGATEs may
be in RF range of the originating station or several hops away. Each
will convert the MicE packet in its own way. The conversions by
multiple IGATEs can occur in parallel. Each inserts a timestamp
according to the system time current on his system. The
location, heading, and speed may be converted to different
values by various IGATE applications. The IGATEs may
format the packet differently by converting all text to uppercase
or inserting a wide variety of text not in the original MicE packet.
Some IGATE applications strip out any status text.

Some IGATES pass the raw, and converted packets to the Internet
feed while some only pass the converted packet. The raw packets
may have non-printing characters stripped out.

A single MicE packet can result in as many as 3 or 4 different
converted packets appearing on the Internet feed, along with
a copy of the original MicE packet as sent, or with non-printable
characters stripped out.

The servers check for duplicate packets. However, since the
converted packets may not be consistant, these packets are
not considered dupes, and passed to connected clients.

It is almost impossible for applications receiving these packets
to determine that these are dupes since each one will be different.
Furthermore, each packet may be considered to be valid.
End user applications may decode the Raw MicE packet.
This can create yet another location record for the original packet
on the end user system.

Under certain conditions, in certain areas a single MicE packet
may spawn a half dozen or more packets to be seen on an end
user application connected to the Internet feed. Furthermore
some of these packets may be IGATED back to local
RF networks.

>
> Does any body have a handle on just when this started happening? Is
> it purely confined to D700 posits? Did anything else happen in the
> same time frame (I.e. major re: of some IGate code, etc?)

IMO it has been happening for quite a while. It became more
noticeable when more users purchased Kenwood products,
and other MicE capable products became popular. It is not
confined to Kenwood products.

There are multiple IGATE applications and there could be
several versions of each currently in use.

It is my understanding that no one is currently managing
the Internet feed since K4HG went on to other endeavours.
He has repeatedly asked for someone to step up and
undertake this task. Over time, the quantity of data on
the Internet feed has grown considerably, and the
quality and integrity appears to have, IMO, degraded.

>
> --
>
>   Brian B. Riley, N1BQ   (ex-KA2BQE)
>   <http://www.wulfden.org>
>
Bill KC9XG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] Re: Upgrade for D7

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sun, 11 Jun 2000 17:04:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90276-2000.06.11-19.17.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The details of where to send it is posted here. No, Kenwood has not posted anything yet ... unless you
count the english expanded features manual (in their spanish manual section). Yes the upgrade is
available. Send Kenwood your radio and $60 and they will be glad to upgrade yours too.

This was posted a while back from another amateur radio operator
****
Dear Kenwood Customer: Thank you for your e-mail.
The TH-D7A (G) upgrade will be available in 6/2000 The cost is about $60.00 plus shipping back to you.
Both Kenwood Service Centers will perform the upgrade. Do not send your TH-D7A until you contact us
first for its availability.
SHIPPING INSTRUCTIONS
Kenwood Service Center West
13030 Alondra Blvd., #104
Cerritos, CA 90703-2257
562-483-8740 phone
562-483-8749 fax

++++++++++++++++++++++++++
Kenwood Service Center East
829 Lynnhaven Parkway, Suite 130
Virginia Beach, VA 23452
757-340-1702 phone
757-340-6809 fax

If you need further assistance, please e-mail us again.

Sincerely,
Kenwood Customer Care

****
TH-D7A(G) upgrade info: http://www.radiohound.com/2000upgrade.htm
Manual for the upgrade http://www.radiohound.com/TH-D7A(G)_NEW.pdf

Walter
  ----- Original Message -----
  From: Stephen Prior
  To: TAPR Hot Technology APRS
  Sent: Sunday, June 11, 2000 3:45 PM
  Subject: [htaprs] Upgrade for D7

  What are the datails and how and where will Kenwood upgrade the D7A. I have not seen anything from
Kenwood from the email server but I see many folks have already sent and received the upgrade already.

  73
  Steve
  N3UYI

157. [htaprs] Re: Upgrade for D7

From: Don <dnelsch@neo.rr.com>
Date: Sun, 11 Jun 2000 20:28:48 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90277-2000.06.11-19.32.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm told Kenwood was doing it at a booth in Dayton for FREE! I'm also
told that they take the back off, put the radio into a jig that has
three fingers on it and reflash the eprom. And that's it!?!

Walter Dunckel wrote:

> The details of where to send it is posted here. No, Kenwood has not
> posted anything yet ... unless you count the english expanded features
> manual (in their spanish manual section). Yes the upgrade is
> available. Send Kenwood your radio and $60 and they will be glad to
> upgrade yours too. This was posted a while back from another amateur
> radio
> operator**Dear
> Kenwood Customer: Thank you for your e-mail.
> The TH-D7A (G) upgrade will be available in 6/2000 The cost is about
> $60.00 plus shipping back to you. Both Kenwood Service Centers will
> perform the upgrade. Do not send your TH-D7A until you contact us
> first for its availability.
>
> SHIPPING INSTRUCTIONS
> Kenwood Service Center West
> 13030 Alondra Blvd., #104
> Cerritos, CA 90703-2257
> 562-483-8740 phone
> 562-483-8749 fax
>
> ++++++++++++++++++++++++++
> Kenwood Service Center East
> 829 Lynnhaven Parkway, Suite 130
> Virginia Beach, VA 23452
> 757-340-1702 phone
> 757-340-6809 fax
>
> If you need further assistance, please e-mail us again.
>
> Sincerely,
> Kenwood Customer
> Care**TH-D7A(G)
> upgrade info: http://www.radiohound.com/2000upgrade.htmManual for the
> upgrade http://www.radiohound.com/TH-D7A(G)_NEW.pdf Walter
>
>   ----- Original Message -----
>   From: Stephen Prior
>   To: TAPR Hot Technology APRS
>   Sent: Sunday, June 11, 2000 3:45 PM
>   Subject: [htaprs] Upgrade for D7
>   What are the datails and how and where will Kenwood upgrade
>   the D7A. I have not seen anything from Kenwood from the
>   email server but I see many folks have already sent and
>   received the upgrade already. 73SteveN3UYI
>

158. [htaprs] Re: Mile Markers in TWP servers

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 11 Jun 2000 20:37:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90279-2000.06.11-19.41.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 11 Jun 2000, Lumpy wrote:

> Bob B wrote:
> > ...Tiny-Web-Page ...Mile Markers.
>
> How do we do this. I don't see a mm.pos and
> I don't see any return from MM#145 I95

That idea was a "could do". It is not in place now. But if you run
APRSdos, it will work locally for you. Just hit MM MD95 145
Which will draw a LINE on your map intersecting the Interstate 95 in
Maryland at MM 145. ALl of this data is in MILEMARK.DAT in the system

folder. The data base covers all interstates in all states except for
those few that still do not have mile markers.

To make it respond to Queries, I need to add some more code....

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] Re: D700 error in position string

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 11 Jun 2000 20:46:50 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90281-2000.06.11-19.48.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Bill Diaz" <billdiaz@megsinet.net>
Sent: Sunday, June 11, 2000 8:09 PM

> Brian,
> On Sunday, June 11, 2000 6:21 PM, Brian B. Riley
[SMTP:brianbr@macconnect.com]
> wrote:

 [snip]

> MicE packets do not contain timestamps.

 I realize this, which is why I said the differring timestamps coul be
understandable, but over an hour is not understandable to me.

> One MicE packet may be heard by multiple IGATEs. The IGATEs may
> be in RF range of the originating station or several hops away.
Each
> will convert the MicE packet in its own way. The conversions by
> multiple IGATEs can occur in parallel. Each inserts a timestamp
> according to the system time current on his system. The
> location, heading, and speed may be converted to different
> values by various IGATE applications. The IGATEs may
> format the packet differently by converting all text to uppercase
> or inserting a wide variety of text not in the original MicE packet.
> Some IGATE applications strip out any status text.
>
> Some IGATES pass the raw, and converted packets to the Internet
> feed while some only pass the converted packet. The raw packets
> may have non-printing characters stripped out.

 [snip]

> Under certain conditions, in certain areas a single MicE packet
> may spawn a half dozen or more packets to be seen on an end
> user application connected to the Internet feed. Furthermore
> some of these packets may be IGATED back to local
> RF networks.

  All of this is simply avoidable. Mic-E is simply not that new. It is
conscionable that such a large bunch of technically gifted people
cannot get their acts in sync. I think almost all of the Igate code
is in C or C++ - why not get the codesmith's to share routines and be
done with it! The idea of the APRSWG was to create a benchmark suite
to verify/assure compatability. I guess that hit back burner ... we
could sure use it now.

[snip]

> There are multiple IGATE applications and there could be
> several versions of each currently in use.

> It is my understanding that no one is currently managing
> the Internet feed since K4HG went on to other endeavours.
> He has repeatedly asked for someone to step up and
> undertake this task. Over time, the quantity of data on
> the Internet feed has grown considerably, and the

> quality and integrity appears to have, IMO, degraded.

  The answer doesn't lie so much in replacing Steve's position as it
does in getting the IGates to comply with some standards or they not
permitted to login to the server. In my rarely so humble opinion it is
better to have less data that is accurate than lots of data strewn
with crap!

 If high APRS areas start not showing up on the map because their
IGate suite isn't validated ... then maybe local pressure will see to
it that it gets upgraded to compliance.

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] Re: Upgrade for D7

From: "Stan Slonkosky" <ke6zc@earthlink.net>
Date: Sun, 11 Jun 2000 17:49:44 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90282-2000.06.11-19.50.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>----- Original Message -----
>From: Walter Dunckel
>To: TAPR Hot Technology APRS
>Sent: Sunday, June 11, 2000 5:04 PM
>Subject: [htaprs] Re: Upgrade for D7
>
>
>The details of where to send it is posted here. No, Kenwood has not posted
anything yet ... unless you count >the english expanded features manual (in
their spanish manual section). Yes the upgrade is available. Send >Kenwood
your radio and $60 and they will be glad to upgrade yours too.

Note that you also have to pay for the shipping back to you, so it will be a
bit more than $60. In California, Kenwood is also charging $4.95 sales tax.
I had thought that the upgrade only involved a firmware upgrade, which
should have been labor only (and hence no charging of sales tax), but the
invoice said that a defective part was located and replaced. I had no idea
there was any defective part.

I drove to Cerritos and dropped my D7 off on a Friday afternoon. Kenwood
called me the following Tuesday to let me know it was ready.

Stan Slonkosky

>
>This was posted a while back from another amateur radio operator
>**
****
>Dear Kenwood Customer: Thank you for your e-mail.
>The TH-D7A (G) upgrade will be available in 6/2000 The cost is about $60.00
plus shipping back to you. Both >Kenwood Service Centers will perform the
upgrade. Do not send your TH-D7A until you contact us first for its
>availability.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] Re: Upgrade for D7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 11 Jun 2000 21:02:00 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90283-2000.06.11-20.05.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 11 Jun 2000, Don wrote:

> I'm told Kenwood was doing it at a booth in Dayton for FREE! I'm also
> told that they take the back off, put the radio into a jig that has
> three fingers on it and reflash the eprom. And that's it!?!

They take all the knobs off, unscrew all protruding shafts, remove the
back, HAND solder with magnifying lenses at least 3 jumper wires to tiny
pads on the surface mount mother board, then plug in another 16 wire (or
so) programming header, and then sit there for 15 minutes while the
programmer re-programs the ROM, verifies and tests it. THen the three
wires are unsoldered, jumpers removed, radio reassembled (from a basket of
parts), a sticker is attached and the whole thing is logged by serial
number, repackaged, and all paper work completed and then returned to you.

Oh yes, and the guy doing it at Dayton was the original DESIGN engineer
who designed the radio, not just some technician... So, in my opinion,
It is a non trivial exercise... and done at cost.

Bob

Walter Dunckel wrote:
> > > The details of where to send it is posted here. No, Kenwood has not
> > posted anything yet ... unless you count the english expanded features
> > manual (in their spanish manual section). Yes the upgrade is
> > available. Send Kenwood your radio and $60 and they will be glad to
> > upgrade yours too. This was posted a while back from another amateur
> > radio
> > operator**Dear
> > Kenwood Customer: Thank you for your e-mail.
> > The TH-D7A (G) upgrade will be available in 6/2000 The cost is about
> > $60.00 plus shipping back to you. Both Kenwood Service Centers will
> > perform the upgrade. Do not send your TH-D7A until you contact us
> > first for its availability.
> >
> > SHIPPING INSTRUCTIONS
> > Kenwood Service Center West
> > 13030 Alondra Blvd., #104
> > Cerritos, CA 90703-2257
> > 562-483-8740 phone
> > 562-483-8749 fax
> >
> > ++++++++++++++++++++++++++
> > Kenwood Service Center East
> > 829 Lynnhaven Parkway, Suite 130
> > Virginia Beach, VA 23452
> > 757-340-1702 phone
> > 757-340-6809 fax
> >
> > If you need further assistance, please e-mail us again.
> >
> > Sincerely,
> > Kenwood Customer
> > Care***TH-D7A(G)
> > upgrade info: http://www.radiohound.com/2000upgrade.htmManual for the
> > upgrade http://www.radiohound.com/TH-D7A(G)_NEW.pdf Walter
> >
> >   ----- Original Message -----
> >   From: Stephen Prior
> >   To: TAPR Hot Technology APRS
> >   Sent: Sunday, June 11, 2000 3:45 PM
> >   Subject: [htaprs] Upgrade for D7
> >   What are the datails and how and where will Kenwood upgrade
> >   the D7A. I have not seen anything from Kenwood from the
> >   email server but I see many folks have already sent and
> >   received the upgrade already. 73SteveN3UYI
> >
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] Re: D700 error in position string

From: David Vrona <dave@vrona.com>
Date: Sun, 11 Jun 2000 20:51:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90287-2000.06.11-20.55.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:46 PM 6/11/00 -0400, Brian B. Riley wrote:

>   All of this is simply avoidable. Mic-E is simply not that new. It is
>conscionable that such a large bunch of technically gifted people
>cannot get their acts in sync. I think almost all of the Igate code
>is in C or C++ - why not get the codesmith's to share routines and be
>done with it! The idea of the APRSWG was to create a benchmark suite
>to verify/assure compatability. I guess that hit back burner ... we
>could sure use it now.

Where can one find the specifications that cover iGate behavior and Mic-E
handling???

dave
n9qnz
--
Join our SETI@home team at www.wuies.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] Re: D700 error in position string

From: Alan B Schulman <n4lbl@webaccess.net>
Date: Sun, 11 Jun 2000 21:58:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90305-2000.06.11-23.02.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey guys,,, do I get this right or don't I??

Mic-E provides a two dimensional position, lat., & lon.
Other APRS sources provide a three dimensional position,
lat., lon, and time.

Now, IGATEs apparently provide *only* three dimensional
positions and if the source, e.g. Mic-E, doesn't have a
time they assign a time, *their* current time?? There is
nothing wrong with transforming data, e.g. when changing
media, when 'mixing' data with other systems data, etc.

But,,,
,,,unless there is a formal, accepted, and perhaps even a
correct way to make up data, then this, if true, sounds
like a data integrity problem. Again, if true, the answer
should be obvious to any parent: Kid comes home from
soccer practice and says 'I was hit and now my knee hurts
when I do this.' The answer, of course, is 'don't do that'!!

Alan   n4lbl

Bill Diaz wrote:
>
> Brian,
>
> On Sunday, June 11, 2000 6:21 PM, Brian B. Riley [SMTP:brianbr@macconnect.com]
> wrote:
> >
> > ----- Original Message -----
> > From: "Bill Diaz" <billdiaz@megsinet.net>
> > Sent: Sunday, June 11, 2000 2:06 PM
> >
> > > On Sunday, June 11, 2000 12:43 PM, David Vrona [SMTP:dave@vrona.com]
> > > wrote:
> > > > Regarding the time difference...
> > > >
> > > > Perhaps the authors of the various IGate programs could implement
> > NTP
> > > > functions into their code that can't be turned off ?????
> > >

> > > That may help to reduce the number of bad time stamps considerably
> > but
> > > will not eliminate them. Packets could travel several hops, and get
> > IGATED
> > > at one or more of these hops. If the packet arrives near a minute
> > boundary
> > > then it is possible to have one or more of the converted packets
> > with
> > > different timestamps.
> > >
> > > If the enduser application was responsible for timestamps rather
> > than
> > > IGATES, the timestamp would not be a factor. The enduser
> > application
> > > could also then do it's own dupe checking and eliminate duplicate
> > locations.
> > >
> > > > At 09:49 AM 6/11/00 -0700, Brent Hildebrand wrote:
> > > > >The time difference could be just that the times on the 2 IGate's
> > computer
> > > > > >was different. This is a problem with creating packets from
> > other
> > > > > >packets. There is a simple solution. It never will get
> > implemented. Too
> > > > > >many people involved, too many programs.
> > >
> > > Maybe I am missing something here, but the original packet either
> > comes out with a timestamp or the Mic-E format gets translated by an
> > Igate and the timestamp is put in ... any succeeding IGate should just
> > take it as is, it shouldn't be mucking with the timestamp. The data
> > BillD showed the time stamp changing after the packet had been
> > converted from Mic-E format. Now if some rogue IGate code is changing
> > things its should not be too hard to track it down. On the other hand
> > it doesn't make sense that a frame could be making its way around to
> > an IGate much farther away and getting converted later making the time
> > stamp being different more understandable but leaving unexplained why
> > the difference in conversion values for the position.
>
> MicE packets do not contain timestamps.
>
> One MicE packet may be heard by multiple IGATEs. The IGATEs may
> be in RF range of the originating station or several hops away. Each
> will convert the MicE packet in its own way. The conversions by
> multiple IGATEs can occur in parallel. Each inserts a timestamp
> according to the system time current on his system. The
> location, heading, and speed may be converted to different
> values by various IGATE applications. The IGATEs may
> format the packet differently by converting all text to uppercase
> or inserting a wide variety of text not in the original MicE packet.
> Some IGATE applications strip out any status text.
>
> Some IGATES pass the raw, and converted packets to the Internet
> feed while some only pass the converted packet. The raw packets
> may have non-printing characters stripped out.
>
> A single MicE packet can result in as many as 3 or 4 different
> converted packets appearing on the Internet feed, along with
> a copy of the original MicE packet as sent, or with non-printable
> characters stripped out.
>
> The servers check for duplicate packets. However, since the
> converted packets may not be consistant, these packets are
> not considered dupes, and passed to connected clients.
>
> It is almost impossible for applications receiving these packets
> to determine that these are dupes since each one will be different.
> Furthermore, each packet may be considered to be valid.
> End user applications may decode the Raw MicE packet.
> This can create yet another location record for the original packet
> on the end user system.
>
> Under certain conditions, in certain areas a single MicE packet
> may spawn a half dozen or more packets to be seen on an end
> user application connected to the Internet feed. Furthermore
> some of these packets may be IGATED back to local
> RF networks.
>
> >
> > Does any body have a handle on just when this started happening? Is

> > it purely confined to D700 posits? Did anything else happen in the
> > same time frame (I.e. major re: of some IGate code, etc?)
>
> IMO it has been happening for quite a while. It became more
> noticeable when more users purchased Kenwood products,
> and other MicE capable products became popular. It is not
> confined to Kenwood products.
>
> There are multiple IGATE applications and there could be
> several versions of each currently in use.
>
> It is my understanding that no one is currently managing
> the Internet feed since K4HG went on to other endeavours.
> He has repeatedly asked for someone to step up and
> undertake this task. Over time, the quantity of data on
> the Internet feed has grown considerably, and the
> quality and integrity appears to have, IMO, degraded.
>
> >
> > --
> >
> >   Brian B. Riley, N1BQ   (ex-KA2BQE)
> >   <http://www.wulfden.org>
> >
> Bill KC9XG
>
> ---
> You are currently subscribed to htaprs as: n4lbl@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] Re: Going Digital... Ham Radio?

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 12 Jun 2000 10:42:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90473-2000.06.12-10.49.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>We are not doing a good job of promoting nor explaining what digital
>is all about. The following message I received says it all...
>de WB4APR, Bob

There are a number of things about APRS which I don't know the history of.
When I review the spec that exists today, it is clear that low bandwidth, hard
to deal with data streams are pervasive. It is clear that this was a good
thing early on when modems supported this technology easily. FCC mandated
bandwidth restrictions play an even bigger factor I suppose.

In todays digital wireless environment, WAP is becoming very popular as a
means of allow handsets to communicate with remote systems which are present
on intranets (of the carriers), as well as on the internet. APRS seems to
have had two distinct focuses. Early, it appears that the GPS location
portion was an important factor given the expansion of APRS. The messaging
provided in the spec, as well as the "private data" facilities will allow APRS
to be used to provide unicast as well as multicast/broadcast transport of all
kinds of data.

Over the summer and into the fall, I will be developing a new class of APRS
application (trying to use the existing transport/addressing infastructure)
which will be targeted to deliver the following functionality.

o   WAP/WML navigation and browsing tools for information search and
        retrieval.
o   Map location/positioning as most APRS apps support today.
o   Resource management infastructure that will allow the Amatuer
        community to provide better support in dire emergencies by using
        APRS for managing the location and distribution of physical
        resources. This is a time when voice bandwidth is not strictly
        required, and by providing such things via packet, we can
        be more productive on other frequencies.

This application will be written in Java and will initially be targeted at the
platform created by Netpliance in the form of their I-Opener. I will be
placing this device into my vehicle and using it as the APRS system for my
TH-D7A.

--- futuristic thinking ---

The folks at aJile.com are close to starting production on their Java processor. We consulted with them for the past 2 years to get them focused on low power with plenty of I/O expansion. We have been using the PC-104 demo board for exploration, and have found the platform to be promising.

The APRS software that I am creating will be useable on this processor because it is just Java. What would be really cool is if one of the HT companies would get together with aJile (I can help this happen) and arrange to evaluate their processor for use in a new HT. The new HT could then support downloading of Java applications that could provide custom packet data support, or new UI features. Because Java does not allow access to physical memory, the vendor could quite readily control the execution environment so that such user apps would not crash or affect expected operation of the HT.

There are numerous Java powered phones and two-way pagers that are on the market now (RIM blackberry pager, Motorolla and Nokia phones) or will be soon (Motorolla committed this past week to making all of their products Java powered within the next two years). There will be a large number of applications written for these phones, and some of the games and other non-commercial software could be used on a Java powered HT (for those who like games).

Certainly the power and protection/security of the Java VM is a big attraction to eliminating the simple buffer overrun kinds of errors that the TH-D7A has suffered from. But, more than than, the new Java realtime specification (www.rtj.org) provides for the kind of timing and predictable execution that allows Java to be used for a huge range of applications that people have scoffed at in the past. Go to java.sun.com and listen/watch the Day-2 keynote starting about 1/2 way through to see a real-time java demo that shows the aJile PC-104 boards being used to drive robots playing chopsticks.

--- Embeded/Realtime Java References ---

http://www.ajile.com
http://www.ibutton.com/TINI
http://www.rtj.org

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

165. [htaprs] Re: Tiny-Web-Pages!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 12 Jun 2000 12:27:48 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-90482-2000.06.12-11.31.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 12 Jun 2000, Michael Bass wrote about APRSdata:

> One thing that seems missing is a similar report for open voice
> repeaters. The RPTR query could return a frequency, offset, and PL for
> the nearest repeater.

It does that. Just send TO: QDOS   MSG: VOICE

It will return the nearest Voice repeater that is in the APRSdos database.
I have been trying to build up this file of Voice-APRS-Friendly repeaters
over the years, but now maybe people will start adding to it in their
area.

My original intent for the VOICE OVERLAY that is built into APRSdos was
NOT to list every voice repeater (90% are hardly ever used), but to only
put in this database the "wide coverage", "travelers" repeaters. You
know, the ones you always find on the air with the truckers and travelers
and you can always find activity or someone listening...

If anyoone wants to add their favorite to this database, please send it to
me with LAT/LONG, and PL..

For LOCAL use with the APRSdata server, you might want to make separate

files for 2m, 70cm, 6m, and 10m?

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] Re: Help: pocketAPRS & GPS

From: John W Wilson <z004391b@bc.seflin.org>
Date: Mon, 12 Jun 2000 12:29:44 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90483-2000.06.12-11.33.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Me too. Since I updated my PocketAPRS the GPS no longer tracks me. I am
using Palm 3xe with TH-D7A (not upgraded) with the Garmin 3P. It worked
before...
73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 11 Jun 2000, Eric Cuthbert wrote:

> Hi Guys, can somebody help me figure out why I cant get my gps working with
> pocketaprs (equipment and settings are listed below). Probably just
> missing something silly but I cant see it!!
>
> The gps works fb with the d700/d7a in aprs mode but when I use
> "pocketAPRS", I get the gps with a grayed out circle and slash indicating
> that the gps is not there or bad data. The "I Am Here feature" showes "!"
> and no "x hairs". When selected and tapped, my position is manually placed
> and not updated. All other features of the program work fb.
>
> I have checked that the gps info is working with the rig. I have tried with
> a 4800 & 9600 Baud rate and nothing works.
>
> Any help would be appreciated.
>
> -=73=-   Eric - va3ewc
>
> Equipment and settings:
>
> Radio: D700
>   aprs packet mode
>   nmea96
>   com port - 9600
>
> GPS: Eagle Explorer
>
>   nmea 0183 (2.0)
>   nmea out - on
>   string - rmc/rmb
>   Baud rate - 9600
>   Parity - none
>   Data bits - 8
>
> Palm: PalmIIIxe
>
> PocketAPRS - v.1.08 (also tried v.1.05)
> Settings:
>   Call - va3ewc-9
>   UTC - -5
>   TNC type - Kenwood
>   Dual port TNC checked
>   GPS checked
>   Dara rate - 9600
>   ARC unit - DD MM mm
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] RE: Tiny Web Pages

From: "Dobbs, Mike" <mdobbs@amgen.com>
Date: Mon, 12 Jun 2000 10:33:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90501-2000.06.12-12.37.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

These tiny info bites sound really neat. Some info I'd love to see would be
frequencies & pl tones for repeaters in the vicinity (say, up to 20 miles
from my location). No more lugging an ARRL handbook etc. Could this be done?

Mike Dobbs aka KG6BCP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] RE: Tiny Web Pages

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 12 Jun 2000 16:16:38 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90543-2000.06.12-15.20.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 12 Jun 2000, Dobbs, Mike wrote:

> These tiny info bites sound really neat. Some info I'd love to see would be
> frequencies & pl tones for repeaters in the vicinity (say, up to 20 miles
> from my location). No more lugging an ARRL handbook etc. Could this be done?

Its already done. Its built into APRSdos. Now with APRSdata, the remote
D7 and D700 users can now request that info over the air. But yes, the
database does need to be updated. The QUERY format is

TO: QDOS
MSG: VOICE

The response is an object showing the nearest voice repeater, and any PL
etc...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] Re: Help: pocketAPRS & GPS

From: "hasan schiers" <schiers@netins.net>
Date: Mon, 12 Jun 2000 13:45:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90552-2000.06.12-15.49.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This might be too simple, but...

To use the D700 with the Palm you have to be in PACKET mode and NOT APRS
PACKET...from your description below, I couldn't tell.

I'm using ver 1.08 with my D700 and Garmin II+ with no problems. I switch
back and forth between APRS PACKET and PACKET all the time. APRS when I
don't use the palm and PACKET when I do use the palm. Switching back and
forth is quite easy, so I find myself using both modes a lot.

I will say that since I started playing with the APRS PACKET mode, I have

learned to really like it. If I need mapping and messaging, the palm is
terrific. For normal running around, the internal (APRS PACKET) mode is
AMAZINGLY good, and does a really nice job with dxSpots, as well.

Hope this helps...at least we know it works. 73

hasan schiers, N0AN
schiers@netins.net
----- Original Message -----
From: John W Wilson <z004391b@bc.seflin.org>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Monday, June 12, 2000 11:29 AM
Subject: [htaprs] Re: Help: pocketAPRS & GPS

> Me too. Since I updated my PocketAPRS the GPS no longer tracks me. I am
> using Palm 3xe with TH-D7A (not upgraded) with the Garmin 3P. It worked
> before...
> 73,
>
>
> John W. Wilson, KN4HX
> z004391b@bcfreenet.seflin.lib.fl.us
>
>
> On Sun, 11 Jun 2000, Eric Cuthbert wrote:
>
> > Hi Guys, can somebody help me figure out why I cant get my gps working
with
> > pocketaprs (equipment and settings are listed below). Probably just
> > missing something silly but I cant see it!!
> >
> > The gps works fb with the d700/d7a in aprs mode but when I use
> > "pocketAPRS", I get the gps with a grayed out circle and slash
indicating
> > that the gps is not there or bad data. The "I Am Here feature" showes
"!"
> > and no "x hairs". When selected and tapped, my position is manually
placed
> > and not updated. All other features of the program work fb.
> >
> > I have checked that the gps info is working with the rig. I have tried
with
> > a 4800 & 9600 Baud rate and nothing works.
> >
> > Any help would be appreciated.
> >
> > -=73=-   Eric - va3ewc
> >
> > Equipment and settings:
> >
> > Radio: D700
> >   aprs packet mode
> >   nmea96
> >   com port - 9600
> >
> > GPS: Eagle Explorer
> >
> >   nmea 0183 (2.0)
> >   nmea out - on
> >   string - rmc/rmb
> >   Baud rate - 9600
> >   Parity - none
> >   Data bits - 8
> >
> > Palm: PalmIIIxe
> >
> > PocketAPRS - v.1.08 (also tried v.1.05)
> > Settings:
> > Call - va3ewc-9
> > UTC - -5
> > TNC type - Kenwood
> > Dual port TNC checked
> > GPS checked
> > Dara rate - 9600
> >   ARC unit - DD MM mm
> >
> > ---

> > You are currently subscribed to htaprs as: kn4hx@amsat.org
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] Re: Tiny-Web-Pages!

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 12 Jun 2000 17:40:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-90561-2000.06.12-16.41.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Bob Bruninga" <bruninga@nadn.navy.mil>
Sent: Monday, June 12, 2000 12:27 PM

> On Mon, 12 Jun 2000, Michael Bass wrote about APRSdata:
>
> > One thing that seems missing is a similar report for open voice
> > repeaters. The RPTR query could return a frequency, offset, and
PL for
> > the nearest repeater.
>
> It does that. Just send TO: QDOS   MSG: VOICE
>
> It will return the nearest Voice repeater that is in the APRSdos
database.
> I have been trying to build up this file of Voice-APRS-Friendly
repeaters
> over the years, but now maybe people will start adding to it in
their
> area.
>
> My original intent for the VOICE OVERLAY that is built into APRSdos
was
> NOT to list every voice repeater (90% are hardly ever used), but to
only
> put in this database the "wide coverage", "travelers" repeaters.
You
> know, the ones you always find on the air with the truckers and
travelers
> and you can always find activity or someone listening...
>
> If anyoone wants to add their favorite to this database, please send
it to
> me with LAT/LONG, and PL..

 This is a touchy subject. Many repeater owners are so paranoid (some
with good reason, the other just need to get a life!) regard divulging
their repeater location with the same feelings as revealing state
secrets!

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] CLUBS and NETS

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 12 Jun 2000 17:59:39 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org

Message-ID: <LYR845-90571-2000.06.12-17.03.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While building the "Tiny Web pages" for the 78 local clubs listed in our Wash DC/Baltimore area, I realized that most of them listed both their meeting schedule and their NET schedule. Thus, I now decided to build two files. One to respond to CLUB and the other to respond to NET...

Just a thought. (Im posting it here because I did not think of this till half way through and so have to do half of it over again...) :-(

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] Re: Tiny-Web-Pages!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 12 Jun 2000 18:56:02 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90580-2000.06.12-17.59.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 12 Jun 2000, Brian B. Riley wrote:

> > > One thing that seems missing is a TWP for voice repeaters...

> > It does that. Just send TO: QDOS   MSG: VOICE

> This is a touchy subject. Many repeater owners are so paranoid (some
> with good reason, the other just need to get a life!) regard divulging
> their repeater location with the same feelings as revealing state
> secrets!

That's why I insisted that APRS support position ambiguity. You can remain ambiguous to 0.1, 1, 10, or 60 miles... Just enter spaces where the digits go...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Mic-E and reformatting

From: "Mark D. Conner" <mconner@null.net>
Date: Mon, 12 Jun 2000 18:13:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90587-2000.06.12-18.20.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As I understand it from reading the thread on how Mic-E positions are being propagated on RF and Internet, the basic problem seems to be this: different software packages handle the conversion of the Mic-E format in different ways. This combined with propagation delays on the RF side, I-gates without a good time hack for the system clock, and time delays between the Internet servers all contribute to multiple position reports being generated from a single initial Mic-E transmission.

How to solve? I'm not up on all the technical issues, but here's a way to start:

1) Consistent, standardized conversion of Mic-E packets before retransmission (RF, Internet, or crossovers between the two). If you convert it, you have to meet a spec. Who's gonna write it and what the spec should be I don't know, but it sounds like there should be one. Lack of standardization here seems to be kicking our butts.

2) Part of the conversion should be a checksum based on the initial Mic-E report only, not any time stamp added. If a second I-gate picks up a Mic-E report sometime later, it should generate the same checksum during the conversion. This checksum could be detected by APRServe to prevent duplication. How to do this on the RF side only leads to....

An open question: Should any software reformatting Mic-E packets add a
timestamp that was not part of the original transmission? Including the
time stamp is making up data. Granted, if all is well it should be a good
guess, but sounds like not much is well in some locations. Do we want the
software to "guess" at the time of transmission? My answer would be no, but
your answer may vary.

I may have glossed over some technical issues that could be tough to
resolve, but I think we need to get back to first principles here.

73 de Mark N9XTN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] RE: Mic-E and reformatting

From: Bill Diaz <billdiaz@megsinet.net>
Date: Mon, 12 Jun 2000 20:26:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90603-2000.06.12-20.30.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,

On Monday, June 12, 2000 6:13 PM, Mark D. Conner [SMTP:mconner@null.net] wrote:
> As I understand it from reading the thread on how Mic-E positions are being
> propagated on RF and Internet, the basic problem seems to be this: different
> software packages handle the conversion of the Mic-E format in different
> ways. This combined with propagation delays on the RF side, I-gates without
> a good time hack for the system clock, and time delays between the Internet
> servers all contribute to multiple position reports being generated from a
> single initial Mic-E transmission.
>
> How to solve? I'm not up on all the technical issues, but here's a way to
> start:
>
> 1) Consistent, standardized conversion of Mic-E packets before
> retransmission (RF, Internet, or crossovers between the two). If you
> convert it, you have to meet a spec. Who's gonna write it and what the spec
> should be I don't know, but it sounds like there should be one. Lack of
> standardization here seems to be kicking our butts.

This is the basic problem.

>
> 2) Part of the conversion should be a checksum based on the initial Mic-E
> report only, not any time stamp added. If a second I-gate picks up a Mic-E
> report sometime later, it should generate the same checksum during the
> conversion. This checksum could be detected by APRServe to prevent
> duplication. How to do this on the RF side only leads to....

Something similar could be accomplished when converting the raw
MicE data to another format such as base64. This would handle the
non-printable character problem as well.

>
> An open question: Should any software reformatting Mic-E packets add a
> timestamp that was not part of the original transmission? Including the
> time stamp is making up data. Granted, if all is well it should be a good
> guess, but sounds like not much is well in some locations. Do we want the
> software to "guess" at the time of transmission? My answer would be no, but
> your answer may vary.

Time stamps should not be added during the conversion process. The
insertion of time stamps creates the most trouble for the Server and
all client applications. If the MicE packet is used as I believe it was
originally intended, then the enduser application shuold assigns the
timestamp on receipt. Insertion of time stamp also unnecessarily increases
packet size.

>

> I may have glossed over some technical issues that could be tough to
> resolve, but I think we need to get back to first principles here.
>
> 73 de Mark N9XTN
>
>
>
>
>
>
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Connecting FT227R to KPC 3+

From: jbeamer@worldspy.net
Date: 13 Jun 2000 04:12:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90698-2000.06.13-06.15.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello group, I'm in the need for assistance. I am building a APRS station for Field Day. The radio I have is a Yeasu FT227R connecting to a KPC 3+.

The station can see stations and it looks like it's transmitting the transmit lights on the TNC and the radio both come on but messages are not getting out. I tried to send a message to my D7(G) but it didn't make it (my call was different on station and radio).

Does anybody know how they wiring should be. The radio mic has a 4 plugs and the only places I saw how to wire a Yeasu showed plugs with 6 and 8.

Any help would be great

73

_____
Get free Internet service and email at http://www.worldspy.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Re: Connecting FT227R to KPC 3+

From: John Vause <jdv@iglou.com>
Date: Tue, 13 Jun 2000 07:38:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90700-2000.06.13-06.36.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try:
        http://www.packetradio.com/tnc2rad.htm

There ought to be a diagram on there that fits your situation.

73

jbeamer@worldspy.net wrote:
>
> Hello group, I'm in the need for assistance. I am building a APRS station for Field Day. The radio I
 have is a Yeasu FT227R connecting to a KPC 3+.
>
>>SNIP<<
> Does anybody know how they wiring should be. The radio mic has a 4 plugs and the only places I saw
how to wire a Yeasu showed plugs with 6 and 8.
>>SNIP<<

--
* John Vause KF4ERV jdv@igloudot.com   *
* NOTE: email address altered for benefit of Spambots *

* "Ponder this - Your only purpose in life may be to *
* serve as a warning to others."

*
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] D700 External Keyboard Project

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 13 Jun 2000 10:05:58 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Byon Garrabrant <byon@mail.com>, htaprs@lists.tapr.org
Message-ID: <LYR845-90728-2000.06.13-09.09.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got two comments from Kenwood that might help in the design of the
external keyboard project:

>METHOD #1 - Touch/Tone encoder
> -1 needs to modify the mic connector. It is not easy for
>   the beginners.

***You can use Kenwood MJ-89 microphone switch. It allows you to use
two Mic lines in parallel.

> -2 You have to push some keys on the radio before entering
>   message. ([MSG]-[DOWN]-[OK])

***You can use the PF keys on the MIC. So the keyboard should
have four PF keys on it for microphone.

I think what he is saying here, is that the PF keys can be programmed to
do any funciton you want. SO if one of them is programmed to be
MDG-DOWN-OK, then you can use that function to begin a message without
having to go to the radio front panel. But I dont know how the PF keys
are encoded? Are they digital? Hardwired? or non standard (greater than
16) DTMF?

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] RE: Mic-E and reformatting

From: Brian Badger <Brian.Badger@wcom.com>
Date: Tue, 13 Jun 2000 09:56:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90757-2000.06.13-11.00.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill, All,

I've only been into APRS for 6 months, so I'm a little confused.   Is
the "non-printable" character problem the only reason for conversion? It
seems to me that all the mapping software supports the raw Mic-E packet
as is; or am I wrong about that? Frankly I find conversion of tiny
little MicE packets into big ole APRS packets to be a waste of rf and
landline bandwidth.

I just don't get why the TCP/IPAPRS packets must have no "non-printable"
characters. TCP/IP is 8 bit. If the reason is: "because the mapping
software needs to log the packets" then my answer would be: "then the
mapping software needs to do the conversion for logging only".

--
Brian, KC0HIR

Bill Diaz wrote:

> Something similar could be accomplished when converting the raw
> MicE data to another format such as base64. This would handle the
> non-printable character problem as well.
>
>
>

179. [htaprs] Re: Connecting FT227R to KPC 3+

From: Robert Donnell <kd7nm@pugetsound.net>
Date: Tue, 13 Jun 2000 10:08:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90767-2000.06.13-12.11.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, and good luck at Field Day!

One of the things I remember about this radio is that it uses a relay to accomplish some PTT operations. If you don't hear the relay operating, the KPC3+ PTT circuit may not be able to pass enough current to key this radio. Note that for some time (at least 15 years?) an exact replacement relay has not been obtainable, so using an FT227 on packet is not a good long-term prospect for the radio. A couple of friends have worn out the PTT relay in the FT227 using it for packet.

I took a quick look at the suggested web site, and didn't find the FT227 listed explicitly. There is a reference to Yaesu 4-pin connector wiring (diagram 192). You may want to try confirming it using an ohm meter. Ground is easy, and if you find a pin that's less than 200(or so) ohms between the hot incoming power wire and a mic jack pin (with the radio power turned on), this is virtually certain to be the PTT pin. You can also use the ohm-meter between what you think to be the appropriate pins on the microphone plug, then key and unkey the microphone, to verify the PTT connection.

At 07:38 AM 6/13/00 -0400, John Vause wrote:
>Try:
>   http://www.packetradio.com/tnc2rad.htm
>
>There ought to be a diagram on there that fits your situation.
>
>73
>
>jbeamer@worldspy.net wrote:
>>
>> Hello group, I'm in the need for assistance. I am building a APRS station for Field Day. The radio I have is a Yeasu FT227R connecting to a KPC 3+.
>>
>>>SNIP<<
>> Does anybody know how they wiring should be. The radio mic has a 4 plugs and the only places I saw how to wire a Yeasu showed plugs with 6 and 8.
>>>SNIP<<
>
>--
>* John Vause KF4ERV jdv@igloudot.com   *
>* NOTE: email address altered for benefit of Spambots *
>
>* "Ponder this - Your only purpose in life may be to *
>* serve as a warning to others."
>*
>--
>
>---
>You are currently subscribed to htaprs as: kd7nm@pugetsound.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

 Bob Donnell, KD7NM   kd7nm@pugetsound.net
 Western Washington Amateur IP Address Coordinator   (425) 775-3651
---------------------- http://wetnet.wa.com/~kd7nm ----------------------

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] Re: Connecting FT227R to KPC 3+

From: aa8ei@eos.net
Date: Tue, 13 Jun 2000 15:18:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90783-2000.06.13-14.29.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I used my 227R with my KPC 1 (ahem) I found that I would eventually destroy the audio output. I finally quit using it on packet when I had to replace the relay and the audio several times. I use it now as a backup radio on voice only.

There are MUCH better qualified radios for serious packet duty than the 227R.

73, tony

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] TNC Won't Decode D7A(G) Packets

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Tue, 13 Jun 2000 22:02:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90830-2000.06.13-22.06.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got my 'D7A(G) from UPS. I cannot make my Paccom TNC (at my QTH) decode APRS from my D7A. TxDelay has been changed to all different settings and is currently at 500msec. Any pointers?

Tnx es 73,

Joel B. Black, K2SAT
AMSAT.....32589
AMSAT Local Area Coordinator
k2sat@amsat.org
http://www.mindspring.com/~jbblack
AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
TO-31, UO-22, UO-36

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: TNC Won't Decode D7A(G) Packets

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 13 Jun 2000 23:27:47 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90833-2000.06.13-22.31.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are you at 9600 or 1200?

Bob

On Tue, 13 Jun 2000, Joel B. Black wrote:

> I just got my 'D7A(G) from UPS. I cannot make my Paccom TNC (at my QTH)
> decode APRS from my D7A. TxDelay has been changed to all different settings
> and is currently at 500msec. Any pointers?
>
> Tnx es 73,
>
> Joel B. Black, K2SAT
> AMSAT.....32589
> AMSAT Local Area Coordinator
> k2sat@amsat.org
> http://www.mindspring.com/~jbblack
> AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
> TO-31, UO-22, UO-36
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] Re: TNC Won't Decode D7A(G) Packets

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Wed, 14 Jun 2000 05:15:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90874-2000.06.14-05.19.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm at 1200. The 'D7A will decode packets from my NB96, but my NB96 won't
decode packets from the 'D7A.

Tnx es 73,
Joel, K2SAT

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: Joel B. Black <jbblack@mindspring.com>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, June 13, 2000 10:27 PM
Subject: Re: [htaprs] TNC Won't Decode D7A(G) Packets

> Are you at 9600 or 1200?
>
> Bob
>
> On Tue, 13 Jun 2000, Joel B. Black wrote:
>
> > I just got my 'D7A(G) from UPS. I cannot make my Paccom TNC (at my QTH)
> > decode APRS from my D7A. TxDelay has been changed to all different
settings
> > and is currently at 500msec. Any pointers?
> >
> > Tnx es 73,
> >
> > Joel B. Black, K2SAT
> > AMSAT.....32589
> > AMSAT Local Area Coordinator
> > k2sat@amsat.org
> > http://www.mindspring.com/~jbblack
> > AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
> > TO-31, UO-22, UO-36
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] Re: D700 error in position string

From: John W Wilson <z004391b@bc.seflin.org>
Date: Wed, 14 Jun 2000 07:03:17 -0400 (EDT)

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90879-2000.06.14-06.06.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are they all used with the same GPS?

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Fri, 9 Jun 2000, Larry Zanella wrote:

> Brian,
>
> I don't think so. Other mobiles in my neighborhood track just fine. Also,
> these errant tracks are painted even when I am being tracked 50 miles away
> from my QTH. I consistently am painting one perfecrt track, and 2 to 3
> erroneuos ones. The erroneous ones go out over a 1,000 miles.
>
> Larry
>
> BTW - I have 2 of the D700's. They both do this. They are both less than 3
> weeks old.
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Message filtering?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 14 Jun 2000 09:13:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90893-2000.06.14-08.16.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a D7 and a D700 which I use interchangeably in several vehicles. I'd
like to have the radios filter for only messages addressed to me, bulletins,
and notices from the National Weather Service. The D700 manual states that
the 'mine' filter will reject messages not addressed to the operator. This
sounds wrong. One would think that bulletins would pass the filter. I
don't have documentation on the D7 upgrade, so I'm not sure how it filters.
Does anyone know how filtering works on these two models?

Thanks
Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] Re: TNC Won't Decode D7A(G) Packets

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 14 Jun 2000 10:32:33 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: HT APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90907-2000.06.14-09.35.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 14 Jun 2000, Joel B. Black wrote:

> I'm at 1200. The 'D7A will decode packets from my NB96, but my NB96 won't
> decode packets from the 'D7A.

Maybe your NB96 needs pre-emphasized audio. Try running the audio to the
Nb96 via a very small capacitor to emphasize the audio. Start with a .001
and see what that does.

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] Re: D7A Cig cable

From: Norm Huber <n9zks@earthlink.net>
Date: Wed, 14 Jun 2000 09:48:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90908-2000.06.14-09.52.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I skipped over this when I saw it the first time. I built my self a cable supplying power to both my Garmen III+ and my D7A for use on motorcycle, bicycle and car. I supply the power directly from the battery in the car and motorcycle and from a video camera battery on the bicycle. I added an inline inductor in line with the positive side, no capacitors. The only time I have any problems with the D7A is when I am traveling through areas like I-287 up by the Tappen Zee bridge or southern I-95 in CT where I get a feeling that every ham has a digipeater from the number of packets I was receiving.
I think it is correct that you want a clean source of power. The spikes, RF etc. on the electrical system of today's modern cars can confuse the smartest of Kenwood's creations.

I can not wait till I hear the new software is available for the D7G so I can send my D7A in for upgrade. I'm tired of discussing a subject to the point of almost timing out the repeater only to hear "Where did you go?" I have a problem looking at the radio while riding my Gold Wing through the traffic on our nations highways.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
On the road again!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] Garmin GPS-III+ W/D-7A Cable For Sale

From: "George Sereikas" <SEREIKAS@worldnet.att.net>
Date: Wed, 14 Jun 2000 11:11:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90914-2000.06.14-10.13.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought that this might be of interest to list members. I have available a Garmin GPS-III+ for sale. I am the original owner. It is less than 1 year old and has only been used about 3 times. It comes with the original box, manual, pc/GPS cable,etc. I will also include a homebrew cable for connecting the III+ to your Kenwood D-7A as well as the optional Garmin case for the III+. It is in like new condition and doesn't have a scratch on it.

I will ship it for $280(firm) in CONUS. If interested, drop me an email at: sereikas@worldnet.att.net

73,

George
K2WO

189. [htaprs] Fw: New TH-D7A (G) and New Tuscaloosa Digi

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Wed, 14 Jun 2000 11:30:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90927-2000.06.14-11.34.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Members,

I received my newly modified TH-D7A (G) yesterday. This coincided with K2SAT setting up his APRS digipeater here in Tuscaloosa, Alabama and K2SAT receiving his new TH-D7A (G). The digi works well. I can receive all sorts of out-of-town APRS data at night. K2SAT plans to raise the antenna in the future so we can have daytime coverage as good as the nighttime coverage.

We have a problem with our (my) TH-D7A (G)'s. I cannot get the digi to digipeat any data that eminates from my TH-D7A (G). I have tried to go through the manual and set up every parameter that I can find to no avail. My home is 2.4 miles from the digi. I have set and reset the callsign, path (relay,wide;

relay;wide;k2sat-7;k2sat-7,wide;etc.), transmit delay, etc.. I set up my other HT to receive 144.390 and listened to it beacon the info. It sounded like 1200 baud traffic.

Can you think of some parameter I am not setting or K2SAT has not set on the digipeater that would prevent the TH-D7's from having their data digipeated. Other out-of-town stations seem to be able to get in but I have not seen any TH-D7's. K2SAT is also having a similar problem with his TH-D7.

Do you know if K2SAT and I get together with our HT's whether we will be able to see each other's beacons and verify the units are transmitting correctly.

We are both newbies to APRS and probably need some elmering.

73,

Don DeJarnette
KC4YRT

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)

190. [htaprs] Re: TNC Won't Decode D7A(G) Packets

From: John W Wilson <z004391b@bc.seflin.org>
Date: Wed, 14 Jun 2000 12:42:54 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-90932-2000.06.14-11.46.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Joel, Try putting dummy loads on both transmitter and receiver. Also, move the PacComm as far away from the the TH-D7A as possible. You could be getting RF into the PacComm which interferes with the operation.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Tue, 13 Jun 2000, Joel B. Black wrote:

> I just got my 'D7A(G) from UPS. I cannot make my Paccom TNC (at my QTH)
> decode APRS from my D7A. TxDelay has been changed to all different settings
> and is currently at 500msec. Any pointers?
>
> Tnx es 73,
>
> Joel B. Black, K2SAT
> AMSAT.....32589
> AMSAT Local Area Coordinator
> k2sat@amsat.org
> http://www.mindspring.com/~jbblack
> AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
> TO-31, UO-22, UO-36
>
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] TM-D700A Messages with APRS 2.4.6

From: "Norm Daerda" <normd@atlantic.net>
Date: Wed, 14 Jun 2000 14:7:34
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90948-2000.06.14-14.10.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a TM-D700A setup in TNC Pkt mode and linked to my computer. I am having no problems in picking up the stations in the local area but can't seem to send or receive messages. I am running APRS 2.4.6

My friend tells me that the messages he is sending me are not getting ACK and I'm not sure that I am transmitting. In looking at my history it is blank.

Please help!

73,
Norm
KG4GYN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] APRSdata version DA4

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 14 Jun 2000 20:31:27 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90981-2000.06.14-19.35.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This version of APRSdata.exe adds many items to the default files:

  ATV, CLUB, CAMP, FD, DIGI, DX, FD, WX, NWS, NWR
  HELP, HOSP, IGATE, NET, PARK, RS, SATS, VOICE

And when you ask for HELP, it sends that to you on the DX list instead of
wasting your message memories.
Also, now it will not send AO27 at night when it is off.

Read the README\APRSdata.txt file for details.   APRSdata.exe is
distributed as ftp://tapr.org/aprssig/dosstuff/APRSdos/adat-exe.zip
which includes all the unique files you will need to use APRSdata
in your existing APRSdos system.

Most of the data files you already have because they are included in
APRSdos, but you need to rename them. THe new files are just what I
built for my area, but they will at least show you the format.

If you out an APRSdata system on line. Please let me know so we can
coordinate our coverage areas.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] Repeater Locations (was Re: Tiny-Web-Pages!)

From: Darrell Hale <halehome@home.com>
Date: Wed, 14 Jun 2000 22:24:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90989-2000.06.14-21.26.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> This is a touchy subject. Many repeater owners are so paranoid (some
>> with good reason, the other just need to get a life!) regard divulging
>> their repeater location with the same feelings as revealing state
>> secrets!
>
>That's why I insisted that APRS support position ambiguity. You can
>remain ambiguous to 0.1, 1, 10, or 60 miles... Just enter spaces where
>the digits go...

Or you can offset by a small amount (would 1/2 mile really mess things up
that badly?) so the basic center of the coverage area is still the same, but
the antenna is "not to be seen".

A bit of DF work will find the transmitter antenna with or without such
published info anyhow.

Furthermore, repeaters which use multiple inputs over a large geographical
area (and a voter circuit to select the best input for any particular user)
can actually skew the "input coverage area" of the repeater. In this case
publishing the "center of mass" for the input coverage area may be a better
approach than where the actual transmitter is located.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] TH-D7A/TM-D700A data exchange

From: "John Shinall" <k4yk@arrl.net>
Date: Wed, 14 Jun 2000 23:6:39
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-90993-2000.06.14-23.09.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone come up with a way to copy memory data between the D7A and
D700A?

My HT's memories are loaded with frequencies that I would like to transfer
to the "big rig" without having to reenter the info.

73,

John, K4YK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] RE: TH-D7A/TM-D700A data exchange

From: Paul Jacques <PaulJ@minimed.com>
Date: Thu, 15 Jun 2000 05:13:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91041-2000.06.15-07.17.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I know it's a pain in the b*tt but I did a cut and paste,between the
two databases, using the notepad text editor. The D700 database has two
additional fields which I filled in with zeros, when I transferred from the
D7 to the D700 database. After the new database was created, I looked at the
data with the D700 and made any adjustments. Create temporary copies of both
databases and play around with them. Oh yeah...the D7 database starts with
record 0 and the D700 database starts with record 1, so you need to either
shift everything or move that record, using your text editor. You might
check but I think there are TAB delimiters between each entry. Most of the
fields you can look out and figure out what they are. If anyone has figured
out all the fields, please let us know!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] Locked up D7A

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Thu, 15 Jun 2000 08:24:00 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91050-2000.06.15-08.32.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning all.

Yesterday I noticed I had strange characters at MSG INPUT. I could delete them
but they would not stay deleted. Once I went to the end of the string of
characters to try to delete from that end and the HT locked up.

I then referred to page 32 in the Instruction Manual and followed the steps for
a partial reset. After selecting OK I got the message "RESETTING! wait a
moment." That's where it is hung now. I have to pop the battery off to turn it
off. Pressing F+Power On does not send me back to reset.

BTW, mine is an early production unit (SN 00900057) with the firmware upgrade
but not the G. I was counting on taking it to Boy Scout camp in North Carolina
next week (I'm from Mississippi).

The Kenwood Service Center in Virginia Beach is not answering the phone yet this
morning. Any ideas? Thanks in advance.

Bill McLarty, KM5GE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] Re: TH-D7A/TM-D700A data exchange

From: aparise@fast.net
Date: Thu, 15 Jun 2000 09:54:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91058-2000.06.15-08.57.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 14 Jun 2000, at 23:06, John Shinall wrote:

> Has anyone come up with a way to copy memory data between the D7A and
> D700A?
>
> My HT's memories are loaded with frequencies that I would like to transfer
> to the "big rig" without having to reenter the info.
>
> 73,
>
> John, K4YK
>

My new program, link700 will do this. Actually, I just completed the
programming for cut-n-paste last night (are you watching outside
my window ?). It can copy entire blocks of channels from one type
of radio profile to the other, as well as copying to different channels
of the same radio. I knew this would be a valuable asset to people
who owned both radios.

Unfortunately, link700 is not yet ready to be released. I'm working
on it as hard as I can, and hopefully it should be ready to test in a
week or so. Keep an eye on my web page for news about it:

http://www.qsl.net/wa3hrl

Tony Parise
WA3HRL
wa3hrl@qsl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] Kenwood D7 (G) upgrade info

From: Darrell Hale <halehome@home.com>
Date: Thu, 15 Jun 2000 09:58:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91059-2000.06.15-08.59.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I can not wait till I hear the new software is available for the D7G so
>I can send my D7A in for upgrade. I'm tired of discussing a subject to
>the point of almost timing out the repeater only to hear "Where did you
>go?"

It is available now.

When I wrote the Kenwood support email service asking some questions, I got
no really useful information other than the following:

   - - - - - - - - - (START)

 Dear Kenwood Customer:

 Thank you for your e-mail. The TH-D7A (G) upgrade is NOW available.
 The cost is $60.00 plus shipping back to you. Both Kenwood Service Centers
 will perform the upgrade.

 SHIPPING INSTRUCTIONS

 Kenwood Service Center West
 13030 Alondra Blvd., #104
 Cerritos, CA 90703-2257
 562-483-8740 phone

562-483-8749 fax

++++++++++++++++++++++++++

Kenwood Service Center East
829 Lynnhaven Parkway, Suite 130
Virginia Beach, VA 23452
757-340-1702 phone
757-340-6809 fax

- - - - - - - - - (END)

Apparently the online help desk has no idea what the shops are doing, except in the most general sense, so questions like "what is your turn around time" is best answered by calling them _directly_.

As I am in Maryland, I called the Virginia shop and asked my questions. Basically they want:

- A note instructing them what you want done (ie: I want the D7 (G) upgrade).
- A credit card number or other payment (I used the credit card approach, as that prevents the problem of figuring out the $60 + shipping beforehand.)
- Return shipping instructions. (UPS Ground is their standard return service.)
- Contact info to reach you if they need to.

The following is the letter I enclosed with the radio, and which doubled as a packing list. Feel free to use it if you want. I cut out the specific info that I don't want to share :-)

- - - - - - - - - (START)

Date: June 9, 2000
To: Kenwood Service Center East

Hello,

I wish to have the firmware in the enclosed TH-D7A (S/N: ########) upgraded to the new "G" version.

If any other damage or problems are discovered, please call me at the number below to discuss fixing that as well. I can be reached at:

###-###-#### (Work)
###-###-#### (Home)
halehome@home.com (Home)

Please bill the $60 + Shipping to the following ####### (ie: a valid card type they accept) card:

Card number: #### #### #### ####
Expiration date: ##/##
Name on the card: XXXXXXXXXXXXXXXXXXX

My shipping address is:

PUT YOU SHIPPING ADDRESS HERE

Thank You,

Darrell Hale

- - - - - - - - - (END)

I shipped the radio by UPS Ground on Friday the 9th. UPS reported delivery in Virginia on Monday the 12th. On Tuesday I received the following email:

- - - - - - - - - (START)

Return-Path: <kscv@pop.mail.rcn.net>
From: "Kenwood Service Center, East" <kscv@erols.com>
To: halehome@home.com
Date: Tue, 13 Jun 2000 13:04:26 -0400
Subject: TH-D7A#10200300, Darrell Hale, Claim 50####
X-Confirm-Reading-To: "Kenwood Service Center, East" <kscv@erols.com>

X-pmrqc: 1
Priority: normal

Your claim # is 50####.

We have received your unit. Unless you specifically
requested an estimate, we will e-mail an estimate if
we feel repairs will exceed $100 plus shipping/handling.
There is a $25-35 diagnostic fee plus return shipping
& handling for refused estimates. If you did not provide
credit card information the unit will be shipped UPS COD.
The UPS computer will notify you via e-mail when the unit
ships. You should have a Money Order or Certified Check for
the UPS driver made payable to us.
Kenwood Service Center, East
(757) 340-1702 (Customer Service) (757) 340-6809 (FAX)
Status checks on your unit should be made to Customer
Service. Other requests may be made via e-mail.

   - - - - - - - - - (END)

At this point I'm just waiting to get notification that the radio is on it's
way back (or that is simply shows up on my doorstep).

I was going to wait until I got the radio back before posting my experience,
but your comment above prompted me to write anyway.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

199. [htaprs] Re: Kenwood D7 (G) upgrade info

From: Jack Chomley <chomley@telelink.com.au>
Date: Fri, 16 Jun 2000 00:26:40 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91061-2000.06.15-09.11.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:58 AM 6/15/2000 -0400, you wrote:
>
>>I can not wait till I hear the new software is available for the D7G so
>>I can send my D7A in for upgrade. I'm tired of discussing a subject to
>>the point of almost timing out the repeater only to hear "Where did you
>>go?"
>
>It is available now.
>
>When I wrote the Kenwood support email service asking some questions, I got
>no really useful information other than the following:
>
>   - - - - - - - - - (START)
>
> Dear Kenwood Customer:
>
> Thank you for your e-mail. The TH-D7A (G) upgrade is NOW available.
> The cost is $60.00 plus shipping back to you. Both Kenwood Service Centers
> will perform the upgrade.
>
>
> SHIPPING INSTRUCTIONS
>
> Kenwood Service Center West
> 13030 Alondra Blvd., #104
> Cerritos, CA 90703-2257
> 562-483-8740 phone
> 562-483-8749 fax
>
> ++++++++++++++++++++++++++
>
> Kenwood Service Center East
> 829 Lynnhaven Parkway, Suite 130
> Virginia Beach, VA 23452
> 757-340-1702 phone
> 757-340-6809 fax
>

>   - - - - - - - - - (END)

At least you guys can get an upgrade....last word here
was that Kenwood Australia is not interested in doing
the upgrade at all. So much for support on my 6 week
old D7 :-((
Guess where I will be getting my D700 from?? certainly
not Australia. Kenwood Australia sucks......

Jack Chomley
VK4JRC
In APRS no man's land and no D7 upgrade)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] Re: Kenwood D7 (G) upgrade info

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Thu, 15 Jun 2000 09:09:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91062-2000.06.15-09.12.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Virginia Beach facility did my upgrade in one day. Total turn-around was
less than a week.

73 de Don KC4YRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] Re: Locked up D7A

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 15 Jun 2000 09:13:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91066-2000.06.15-09.19.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> After selecting OK I got the message "RESETTING! wait a
>moment." That's where it is hung now. I have to pop the battery off to turn
>it off. Pressing F+Power On does not send me back to reset.

Mine did this yesterday, locked up completely, and will not come out of the
"RESETTING! wait a moment". I packaged it up last night and am sending it off
to the repair center this morning after calling Kenwood East yesterday
afternoon.

Sigh...

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

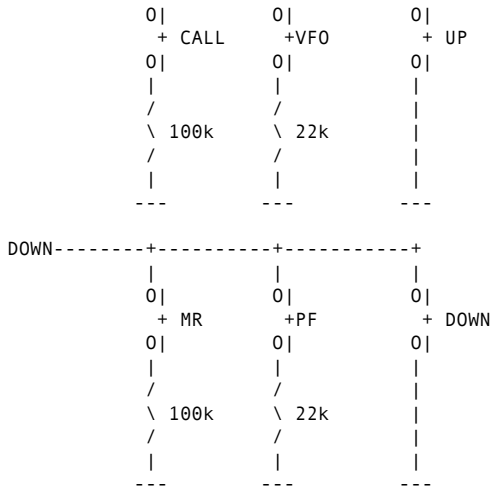
202. [htaprs] Kenwood Keyboard ideas

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 15 Jun 2000 11:32:20 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: John Hansen <john@hansen.net>, htaprs@lists.tapr.org
Message-ID: <LYR845-91080-2000.06.15-10.36.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is approximately how the 4 PF buttons on the Microphone are
connected. THey signal to the radio via VOLTAGE levels.

de WB4APR, Bob

UP----------+----------+-----------+
           | | |



You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] Wanted: Used Garmin III+; D700

From: Ralph Milnes <milnes@openix.com>
Date: Thu, 15 Jun 2000 14:41:04 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91107-2000.06.15-13.44.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In the off chance that someone is trying to unload either of these...
I'm interested:

Kenwood D700
Garmin III+

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] RE: Locked up D7A

From: Busch Thomas H CNIN <Busch_T@crane.navy.mil>
Date: Thu, 15 Jun 2000 15:22:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91130-2000.06.15-15.25.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only common thread I can think of is the wierd message. My friend sent me a message, and just as he did, a freakishly long string of nonsense characters showed up. I deleted them, and when I tried to send a response, the unit locked up. At this point, I was able to remove the battery and plug it back in and the unit would wake back up, but every time I tried to send a message, it would lock up again. So, I tried a reset. It came back with the "Resetting!..." message, and stayed that way.

I took it to the Kenwood Tech booth, and a Mr. Lee looked at it, and said I needed to send it in; it was probably a firmware bug. I pointed to the guys who were doing the revision G modifications, and asked if they could do it, and he said, "No, not this one." I don't know what that meant, other than I was out of luck for a handheld for the rest of Dayton.

I think it may have just been the massive amount of data on the channel, with some packets trashed packets. This may cause the firmware to start executing out of unwritten memory. Definitely sounds like a firmware bug.

> -----Original Message-----
> From: Bill McLarty [SMTP:bmclarty@trustmark.com]
> Sent: Thursday, June 15, 2000 1:03 PM
> To: Busch Thomas H CNIN
> Subject: RE: [htaprs] Locked up D7A

>
>
>
> Thanks for the response. I just got off the phone with 1-800-KENWOOD.
> They
> advised me to send it to Va. Beach (closer to me). Another user emailed
> me that
> he had a similar experience with his just yesterday. The only thing I've
> done
> differently is upgrade to version 1.08 of pocketAPRS on my Palm V. Do you
> recall anything you did at Dayton that might have caused it? I'm looking
> for a
> common thread.
>
> Thanks again.
>
> Bill McLarty, KM5GE
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] MicE Custom Messages

From: Bill Diaz <billdiaz@megsinet.net>
Date: Thu, 15 Jun 2000 15:27:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91132-2000.06.15-15.30.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone use the Custom messages? If so, are these decoded correctly by any
existing applications? I have sent several packets using custom messages and
have not seen these converted correctly when viewing the Internet feed.
 WinAprs 2.4.7 does not decode them either. Can't find any custom messages on
the feed, let alone the ones I transmitted. Apparently, the custom message
designation is ignored.

Bill KC9XG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] Torch

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Fri, 16 Jun 2000 06:49:48 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: aprs world <htaprs@lists.tapr.org>
Message-ID: <LYR845-91135-2000.06.15-15.55.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have a look here the Olympic Torch on the beach but a pitty without a
APRS Tracker.. maybe next time ?
http://www.winshop.com.au/vk4go/torch1.htm

also have a look the latest APRS Activity page
http://www.winshop.com.au/vk4go/aprsac.htm
73 all de Art
--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] Re: MicE Custom Messages

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 15 Jun 2000 19:02:06 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-91146-2000.06.15-18.05.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 15 Jun 2000, Bill Diaz wrote:

> Does anyone use the Custom messages? If so, are these decoded correctly by any
> existing applications? I have sent several packets using custom messages and
> have not seen these converted correctly when viewing the Internet feed.
> WinAprs 2.4.7 does not decode them either. Can't find any custom messages on
> the feed, let alone the ones I transmitted. Apparently, the custom message
> designation is ignored.

Maybe you are expecting too much? A custom mesage C5 for example means
nothing more than that. CUSTOM MESSAGE 5 means "C5". You and your
recepeint must agree apriori waht that means. It is only ONE BIT in the
Mic-E format.

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] Re: Torch

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 15 Jun 2000 19:21:41 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91148-2000.06.15-18.25.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 16 Jun 2000, Art.van.Esch wrote:

> Have a look here the Olympic Torch on the beach but a pitty without a
> APRS Tracker.. maybe next time ?
> http://www.winshop.com.au/vk4go/torch1.htm

ARGH! We built one with internal MIM module and GPS for the Atlanta
Olympics. I should have thought about that and sent it to you. It ran
for 6 hours on a set of D cellsa in the handle... :-(

Its pieces now. 6 months ago, I started scavanging parts from it..

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] TH D7A (G) Upgrade.

From: "Bill Reed" <bill@freenet.carleton.ca>
Date: Thu, 15 Jun 2000 22:24:05 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91166-2000.06.15-21.26.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I spoke with the customer Service people at Kenwood (Canada) this week.
They mentioned that they should be in a position to do the upgrade on the D7
in about a month's time. Around the middle of July we should contact them
and see if they are ready to do the upgrade to the D7A (G). The cost will be
similar the cost in the US. (C$100).

73s
Bill
VE3DW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] Re: Going Digital... Ham Radio?

From: Darrell Hale <halehome@home.com>
Date: Fri, 16 Jun 2000 01:31:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91198-2000.06.16-00.33.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>WAP is becoming very popular
>WAP/WML navigation and browsing tools

Sorry, but could you define what WAP & WML stand for? :-)

>The APRS software that I am creating will be useable on this processor because
>it is just Java. What would be really cool is if one of the HT companies
>would get together with aJile (I can help this happen) and arrange to evaluate
>their processor for use in a new HT. The new HT could then support
>downloading of Java applications that could provide custom packet data
>support, or new UI features.

Instead of starting from scratch with trying to get a new radio designed
around the aJile, what about retrofitting an old radio with the new
processor? Mabye use one of the simple kit type radios that has a few simple
functions like changing frequency, etc. Continue the experiment by
interfacing the processor to an external TNC, GPS, LCD display, etc. You
would not only have a prototype tool to experiment with, but a functional
demo of what you want that can then be shown to your potential manufacturing
"partners".

Seeing something that actually works would probably go a long way to
starting a real discussion of how to better refine, integrate, consolodate,
minituarize, etc. a new design based on the potential of a prototype.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

211. [htaprs] Re: Going Digital... Ham Radio?

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Fri, 16 Jun 2000 01:42:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91202-2000.06.16-01.51.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>>WAP is becoming very popular
>>WAP/WML navigation and browsing tools
>
>Sorry, but could you define what WAP & WML stand for? :-)

WAP stands for Wireless Access Protocol, and WML stands for Wireless Markup
Language. WAP provides the transport of WML accross wireless connections,
doing compression and other things related to the management of communications
between the phone and the WAP access gateway that will convert requests for
information into HTTP operations, and then send back the returned information.

WML is and XML based specification for content. It consists of a "deck" of
"cards" in the simplist analogy. Basically, the phone downloads and caches
the deck, and then lets the user "flip" between the cards which are really
just menus, text and graphics where supported. The deal is that with the
phones support WML, you can create interactive service, like HTTP and HTML
pages, but with small displays in mind, and really just operations being
displayed to the user, except for some help text or status text from an
operation initiated by selecting some action specified in the WML card.

>Instead of starting from scratch with trying to get a new radio designed
>around the aJile, what about retrofitting an old radio with the new
>processor? Mabye use one of the simple kit type radios that has a few simple
>functions like changing frequency, etc. Continue the experiment by
>interfacing the processor to an external TNC, GPS, LCD display, etc. You
>would not only have a prototype tool to experiment with, but a functional
>demo of what you want that can then be shown to your potential manufacturing
>"partners".
>
>Seeing something that actually works would probably go a long way to
>starting a real discussion of how to better refine, integrate, consolodate,
>minituarize, etc. a new design based on the potential of a prototype.

Well, I will most likely go there, but I will do the software first, and
use my existing TNC equipped radio as the test bed. I really want to be
able to provide this software to the community for use on any existing radio
and TNC. The integration would be a benefit gathered from purchasing newer
radios, like the integration on the TH-D7A and D700 have provided.

The limitations of the single application on these two radios is very
real. Having downloadable and updatable software would make it much
easier for everyone to participate in changing how we utilize the spectrum
to its fullest...

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

212. [htaprs] APRSdata DA5

From: "Jim Gill" <gillj@uswest.net>
Date: Fri, 16 Jun 2000 02:35:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91208-2000.06.16-02.39.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Uplinks these satellite objects to your local APRS LAN to inform
>others. To do this select them with UPLINK command on the P-List.
>APRSdata will transmit them once per minute when in view, and then kills
>them once below -2 deg. Every 10 minutes when the SCHEDULE is drawn
>automaticaly due to no-operator present, then APRSdata will also send
>out a DX SPOT containing all passes in the next 80 minutes. If there
>is an operator present, you can do this at any time with the NEXT-SKED
>command. Or users can request it with the Q-SATS message.

OK, I'm really confused. Not being a regular APRSdos user, the selections
available on the P-LIST to Uplink a satellite when in view are confusing.
Also what do all the color codes for the various satellite data lines mean?
Purple, Blue, Yellow, etc. And what about the characters to the left of the
time? **   *_ etc.

I've selected to uplink a few of the satellites, but they are transmitting
every minute even when on the other side of the globe. Now how to I
UN-UPLINK them (take them out of uplink mode)?

I don't seem to find any further documentation on the many options here.

Thanks...

Jim N0RMO-1 DA5 Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

213. [htaprs] Re: APRSdata DA5

From: "Jim Gill" <gillj@uswest.net>
Date: Fri, 16 Jun 2000 02:39:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91209-2000.06.16-02.42.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>>Ver DA4: 4) AO27 is not included in EVENING schedules

Also, with DA5, AO27 is still going out at 2:37 AM central here... PC clock
and station coords are set correctly. Being transmitted every minute since
I UPLINKED it. Can't UN-LINK it now.

----- Original Message -----
From: "Jim Gill" <gillj@uswest.net>
To: <htaprs@tapr.org>
Sent: Friday, June 16, 2000 2:35 AM
Subject: APRSdata DA5

> I've selected to uplink a few of the satellites, but they are transmitting

> every minute even when on the other side of the globe. Now how to I
> UN-UPLINK them (take them out of uplink mode)?

> Jim N0RMO-1 DA5 Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

214. [htaprs] Re: APRSdata DA5

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 16 Jun 2000 10:09:49 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91241-2000.06.16-09.13.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 16 Jun 2000, Jim Gill wrote:

> >APRSdata Uplinks these satellite objects to your local APRS LAN ...
> >To do this select them with UPLINK command on the P-List.
> >APRSdata will transmit them once per minute when in view, and then kills
> >them once below -2 deg. Every 10 minutes when the SCHEDULE is drawn
> >automaticaly due to no-operator present, then APRSdata will also send
> >out a DX SPOT containing all passes in the next 80 minutes. If there
> >is an operator present, you can do this at any time with the NEXT-SKED
> >command. Or users can request it with the Q-SATS message.
>
> OK, I'm really confused. Not being a regular APRSdos user, the selections
> available on the P-LIST to Uplink a satellite when in view are confusing.
> Also what do all the color codes for the various satellite data lines mean?
> Purple, Blue, Yellow, etc. And what about the characters to the left of the
> time? **   *_ etc.

Purple are OBJECTS. Yellow are YOUR objects being uplinked
Dark blue are KILLED objects, White are APRS stations that CAN QSO, gray
are passive trackers and digis etc that cannot QSO. See SCREEN.TXT

> I've selected to uplink a few of the satellites, but they are transmitting
> every minute even when on the other side of the globe. Now how to I
> UN-UPLINK them (take them out of uplink mode)?

When you first select them for uplink, the act like any other APRS object
and are transmitted immediately and then on the usual "doubling" of the
period until they decay down to once every 30 minutes.

  * Note: It takes APRSdata 20 seconds ore more to cycle through the list
    after that, then the new UPLINKED objects will be converted to KILLED
    once it notices that they are on the other side of the earth. But
    still, this KILLED object will still follow the decaying algorithm

Thus, things dont stabalize until several minutes. later when all these
new objects are decayed out of the system. I need to write some code to
ease this transition..   Be sure to do a QUIT-eXit so that the
SELECTIONS on the P-LIST are remembered for the next run... Else, you
have to do it all again.

to UN-UPLINK, then just select them and hit U again. If they are killed,
then you will need to do it twice until you get the * which means an
OBJECT. + means it is being u plinked and "_" means it is killed.

 Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] The French Resistance

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 16 Jun 2000 12:07:02 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91262-2000.06.16-11.10.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think we have some missunderstandings in France. I post this here only
so some of our European friends can see that they may have some work
to do in gaining acceptance over there... Thanks to jdreifuss who found
this and translated it.

By the way, this is NOT unique to Europe. We went through this same thing
over here in the USA too, when APRS was new back in the 1993-95 time
frame... I just thought you would be amused by seeing it anew... I
removed all email addresses because I do not want to see any flames...

> ----- Original Message ----- [translated by jdreifuss]------------
> From: G&N RUY <XXXXXXXXX>
> To: [a news group in France]
> Sent: Monday, April 03, 2000 9:14 PM
> Subject: Re: La France en APRS sur ...[satellites]
>
> Good evening to all
> I will respond in my own name.
> The Facts:
>
> APRS is a Trade name by someone maybe TAPR or Bruninga. I do not know.
> The promoter has been mounting an intense publicity campaign for the
> past few months over the AMSAT-NA list to promote the Kenwood THD7
> Radio, he never says to do it yourself and other interesting things
> (Archives of AMSAT-NA messages (At least I believe)>

> Kenwood was condemned in the USA to have attempted to sell commercial
> material that operated in the 144 Mhz Band with the intent to pass 3rd
> party traffic. , Meaning that it could be operated by Non Amateurs and
> covered under amateur practices. The same Bruninga has a plan for
> operations ... via Satellte.
>
> APRS is perfect for not only commercial vehicular operations and other,
> it is also made for commercial practices.
> I asked the question directly [to Bob], I do not need to comment, here
> is the answer and this is my response.
> ---
> > On Wed, 29 Mar 2000, G&N RUY wrote:
> > > Dear OM,
> > > So far I didn't take the time to address APRS. Here, in Europe,
> > > we have VERY STRONG suspicions that you are undertaking a
> > > commercial use of amateur bands, your continuous support
> > > (advertising ?) of kenwood, along with APRS, the interest of
> > > which for radioamateurs remains to be determined, being not the
> > > less demonstration. So, you would be kind to explain what are
> > > your intentions and actions in that matter.
> > > Sincerely.
> > >
> > > From: WB4APR
> > > -Sorry, OM
> > > -I love amateur radio and satellites and have been a ham for 38
> > > -years. I am sorry that you are so suspicious of having fun with
> > > -the hobby and looking for neat new applications for amateur radio.
> > > -73's
> > > -de WB4APR, Bob
>
> My Conclusions:
> Bruninga has sold ... APRS ... to Kenwood, this serves as a test bed
> for commercial systems for which we can potentially loose our
> frequencies because of the lack of rescources. He has already tried on
> the following [frequencies] 433, 1260, 2400, Blue toothe etc.
>
> The demonstrations were done on the ground to validate the process by
> innocent collaborators.
>
> Bruninga is currently pushing the utilization of FM [packet] Satellites
> to demonstate the concept again all with the help of innocent
> collaborators will to send their rectal temperature to the whole world
> with GPS precision in the P mode without regard to the normal operating
> modes of the satellites, he is taking advantage that no one will
> stop these incursions into normal operating practices.
>
> I have chosen the following options [on] the utilization of APRS.
> 1. APRS does not serve a purpose.
> 2. Commercial exploitation.
> Do whatever you want but my advice is that if you want to save our
> frequencies, we should not be naïve and admit that time for
> negociations at WARC 2000 is at an end and to send people to WARC for
> weeks on end and to hear them say that they were not there to discuss

> the subject of Navigation via satellite and possibly loose on of our
> bands, the most interesting is without doubt not a good method.
>
> The course in which Bruninga is engaged is dangerous...
> So for the members of AMSAT are they cold or ???
> --------------
> Ghislain RUY
> F1HDD
> SATEDU TEAM

By the way? who is doing APRS on 433, 1260, 2400 and Bluetooth? <grin>
Tell us all about it so we can play too...
de WB4APR, Bob

You are currently subscribed to aprssig as: bruninga@nadn.navy.mil
To unsubscribe send a blank email to leave-aprssig-10461M@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

216. [htaprs] Re: The French Resistance

From: David VanHorn <dvanhorn@cedar.net>
Date: Fri, 16 Jun 2000 11:19:12 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91265-2000.06.16-11.24.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

You evil plotter you... :)

Definitely something is being lost in translation.

- --
Are you an ISP? Tired of spam?
www.spamwhack.com A pre-emptive strike against spam!

Where's Dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOUpvoIFlGDz1l6VWEQKcGQCeMoJByO6tK5589XFnC2bLLNgOq9kAnRZT
BrTdDMN0T5G+iBK7z2VdQCMp
=vThy
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

217. [htaprs] Re: The French Resistance

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 16 Jun 2000 10:41:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91268-2000.06.16-11.45.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

> I think we have some missunderstandings in France. I post this here only
> so some of our European friends can see that they may have some work
> to do in gaining acceptance over there... Thanks to jdreifuss who found
> this and translated it.
>
> By the way, this is NOT unique to Europe. We went through this same thing
> over here in the USA too, when APRS was new back in the 1993-95 time
> frame... I just thought you would be amused by seeing it anew... I

> removed all email addresses because I do not want to see any flames...

Actually, I heard that APRS was being used by internet pornographers and
neo-nazi groups (both clever CIA fronts) to undermine the Eurodollar. I saw
it on X-Files.

I think it's high time we use this technology to track all the UFO's and
black helicopters.
--
Brian KC0HIR "Innocent Collaborator"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

218. [htaprs] The French Resistance and Black Helos

From: "Hufford, Kent - ANG/C4" <Kent.Hufford@ngb.ang.af.mil>
Date: Fri, 16 Jun 2000 12:55:00 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91273-2000.06.16-11.58.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian Badger wrote ....."I think it's high time we use this technology to
track all the UFO's and
black helicopters."

They are....(the black Helo's) ..MH-60, MH-6, AH-6, MH-47,
AH-60.....

Kent
KQ4KK
khufford@erols.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

219. [htaprs] Re: The French Resistance

From: "Walter Dunckel" <walter@radiohound.com>
Date: Fri, 16 Jun 2000 10:30:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91279-2000.06.16-13.04.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > Bruninga is currently pushing the utilization of FM [packet] Satellites
> > to demonstate the concept again all with the help of innocent
> > collaborators will to send their rectal temperature to the whole world
> > with GPS precision in the P mode without regard to the normal operating
> > modes of the satellites, he is taking advantage that no one will
> > stop these incursions into normal operating practices.

> My Conclusions:
> Bruninga has sold ... APRS ... to Kenwood, this serves as a test bed
> for commercial systems for which we can potentially loose our
> frequencies because of the lack of rescources.

Are these innocent collaborators sending thier rectal temps willingly
.....? This does sound very suspicious indeed!

Although Bob has "sold APRS to Kenwood", they do not appear interested in
this rectal temp sending feature, because they have not integrated it into
their TH-D7A, or even the TH-D7(G) upgrade. You actually have to download
the Free APRS software to utilize this handy feature (with the addition of a
weather station). Perhaps Kenwood will add provisions for fully mobile
rectal temp monitoring in a future TH-D7 upgrade, but right now this is
limited to desktop stations (as it well should be). Please close the shades
while operating in this mode!

Just thought I would clear that up.

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

220. [htaprs] Re: The French Resistance

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Fri, 16 Jun 2000 15:11:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91296-2000.06.16-15.32.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, all, for the chuckles. A fine send off as I head for the NC mountains to camp with the Boy Scouts, and my D7 heads for Virginia Beach (Kenwood East) for the week (sigh!).

Bill, KM5GE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] Repair turn arounds on D7A

From: "Eric A. Cottrell" <eac@shore.net>
Date: Fri, 16 Jun 2000 19:20:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91312-2000.06.16-19.23.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

Well I sent my broken D7A off to Kenwood East two weeks ago and they acknowledge reciept via email on the 6th. I thought I would check up on the radio.

I did not want to bother them via phone so I sent an email. I had no reply and discovered upon reading some Kenwood info that they want a phone call when querying about status. I would think email would be easier but I suppose you need to have another person dedicated to answering emails. So I did the redial every 15 seconds or so until I eventually got through.

The result of the conversation is they have not even looked at the radio yet and the customer service person does not have any idea on turn-around times (by design?).

I am wondering if all the D7A techs are busy getting the flood of upgrades done with one day turn-arounds and not getting to the repairs. Or maybe they are busy replacing the broken encoder in units that came in before mine.

I can understand if they are busy and I can understand that radio repairs can take awhile but it is still disappointing to hear they have not even looked the unit over in 9 business days. It is not like it is a major problem, just replace the sma connector, plug in a new encoder, figure out where a chip capacitor goes and resolder the chip capacitor.

I hope to get the D7A back before the leaves change color and drop from the trees.

What turn-around times have list members seen for their D7 repairs?

73 Eric eac@shore.net eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

222. [htaprs] Re: Repair turn arounds on D7A

From: RASNM@aol.com
Date: Fri, 16 Jun 2000 21:58:22 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91327-2000.06.16-21.02.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 6/16/00 6:21:14 PM Mountain Daylight Time, eac@shore.net writes:

<< What turn-around times have list members seen for their D7 repairs?
  >>

 my speaker blew out last year and they fixed it under warranty. The turn
around was reasonable maybe 8 days inc.travel. But they did not email me upon
receipt.

Ron
kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] RE: The French Resistance

From: "Andrew Witham W1SAR" <w1sar@searcher.org>
Date: Fri, 16 Jun 2000 19:12:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91333-2000.06.16-21.21.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Far from seeing them 'exploiting' this hobby, I take off my hat to the likes
of Messrs Bruniga, Dimse et al. for their ingenuity and labors.

I seem to recall from history that the transmission of electromagnetive
waves was once the sole domain of a few dedicated 'amateurs' who took a
concept and developed it. I suspect now that F1HDD and the like condem the
commercial exploitation of those early experimenters that now provide radio,
TV, cellular services, etc - and aligned with those who conceptualized
refridgerators, vacuum cleaners, motor-cars, airplanes etc. None of these
things just appeared one day at the end of a production line.

Almost every walk of life, be it a hobby or some other aspect, is
provisioned with equipment, accessories, or some other form of revenue
generation. Kenwood took the bold step of producing two radios, through, I
suspect necessary colaboration with Bob and others. So what?

I, and it seems many others here, choose to vote with our dollars (or
francs) to support these ventures, either through the purchase of equipment
or the registration of software. Does our French friend think that the
years of work contributed by Bob and the others is their's just for the
taking?

Drew W1SAR

> -----Original Message-----
> From: bounce-htaprs-15697@lists.tapr.org
> [mailto:bounce-htaprs-15697@lists.tapr.org]On Behalf Of Bob Bruninga
> Sent: Friday, June 16, 2000 9:07 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] The French Resistance
>
>
> I think we have some missunderstandings in France. I post this here only
> so some of our European friends can see that they may have some work
> to do in gaining acceptance over there... Thanks to jdreifuss who found
> this and translated it.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] Re: The French Resistance

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Fri, 16 Jun 2000 23:58:36
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91353-2000.06.17-00.01.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Frenchman is precisely wrong. The usage of the ham bands is on the
decline and we are likely to lose most of our spectrum in the next few
decades. APRS is the fastest growing segment of ham radio today (Why do you
think Icom is so nervous about the D700 and the TH-D7?!) APRS is the best
hope ham radio has to retain its spectrum for another generation or two.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

225. [htaprs] Re: htaprs digest: June 16, 2000

From: Darrell Hale <halehome@home.com>
Date: Sat, 17 Jun 2000 05:49:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91375-2000.06.17-04.52.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Are these innocent collaborators sending thier rectal temps willingly
>...........? This does sound very suspicious indeed!

Shhhhhh! Don't say this too loudly, or the HMOs might want to commercialize
the amateur bands in order to monitor their patients 24/7...........

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

226. [htaprs] Re: The French Resistance

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Sat, 17 Jun 2000 07:44:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91381-2000.06.17-07.47.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I hope they make the rectal temp feature wireless. Does Alinco have this
feature in their new APRS rig?

Couldn't resist...

73,
Joel, K2SAT

----- Original Message -----
From: Walter Dunckel <walter@radiohound.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, June 16, 2000 12:30 PM
Subject: [htaprs] Re: The French Resistance

> > > Bruninga is currently pushing the utilization of FM [packet]
Satellites
> > > to demonstate the concept again all with the help of innocent
> > > collaborators will to send their rectal temperature to the whole
world
> > > with GPS precision in the P mode without regard to the normal
operating
> > > modes of the satellites, he is taking advantage that no one will
> > > stop these incursions into normal operating practices.
>
> > My Conclusions:
> > Bruninga has sold ... APRS ... to Kenwood, this serves as a test bed
> > for commercial systems for which we can potentially loose our
> > frequencies because of the lack of rescources.
>
>
> Are these innocent collaborators sending thier rectal temps willingly
> ....? This does sound very suspicious indeed!
>
> Although Bob has "sold APRS to Kenwood", they do not appear interested in
> this rectal temp sending feature, because they have not integrated it into
> their TH-D7A, or even the TH-D7(G) upgrade. You actually have to download
> the Free APRS software to utilize this handy feature (with the addition of
a
> weather station). Perhaps Kenwood will add provisions for fully mobile
> rectal temp monitoring in a future TH-D7 upgrade, but right now this is
> limited to desktop stations (as it well should be). Please close the
shades
> while operating in this mode!
>
> Just thought I would clear that up.
>
> Walter
>

>
>
>
>
> ---
> You are currently subscribed to htaprs as: jbblack@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

227. [htaprs] French z, blk helos, real stuph

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Sat, 17 Jun 2000 09:43:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91403-2000.06.17-08.45.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not sure about the rectal
temp thing. I can't see that
getting my friends interested.

I guess we need to make pos files
for that data on the Tiny Web Pages.

now seriously -

I'm inclined to build small TWP's. Perhaps
with only one line. Example -

DIA.pos is just the position
of Denver Intl Airport...

911.pos returns the nearest major voice
repeater w/ 911 autopatch...

2m.pos returns the nearest 2m repeater...

440.pos returns the nearest 440 repeater...

whois.pos returns the owner of the TWP machine...

fire.pos (just a concept, not up yet) this would
return updated info on some current wildfire.
There could be similar files for flood, quake,
whatever. This would have to be kept updated
and a stock "No current fires" file should
be in place when appropriate...

others???

Interesting to watch the interaction of different
flavors of APRS. On my desk are D7A, WinAPRS and
DOS APRS. It don look da same twixt versions!

lumpy n0eq
--
The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

228. [htaprs] Re: Repair turn arounds on D7A

From: "bob" <w2g3zfj@unix.asb.com>
Date: Sat, 17 Jun 2000 10:47:05 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91411-2000.06.17-09.46.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Eric

12 days, door to door.

73 de bob

-----Original Message-----
From: Eric A. Cottrell <eac@shore.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Friday, June 16, 2000 20:10
Subject: [htaprs] Repair turn arounds on D7A

>Hello,

>
>What turn-around times have list members seen for their D7 repairs?
>
>73 Eric eac@shore.net eac@shore.net WB1HBU
>
>---

>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

229. [htaprs] The French Resistance - or just being pissy

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Sat, 17 Jun 2000 14:20:20 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91428-2000.06.17-13.18.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

most every major tech firm around going full bore to make bluetooth a
worldwide standard (very rare occurance) and they gotta have a
conference to work out "the French problem". now they are picking on
APRS? vie va la diference works both ways!!!!!!!
--

 "A man with a gun goes into an elevator. Inside, he meets Adolf
   Hitler, a shark, and a lawyer. However, the man has only two
   bullets, so he shoots the lawyer twice." -- Buddy Hackett

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

230. [htaprs] Re: The French Resistance

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 17 Jun 2000 17:54:44 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-91460-2000.06.17-16.58.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 16 Jun 2000, Larry Zanella wrote:

> The Frenchman is precisely wrong. The usage of the ham bands is on the
> decline and...

Today I listened to Paul Rinaldo W4RI (ARRL) at the AMRAD symposium
talking in general about regulatory issues and I learned something new.
He says that the basis for amateur radio in Europe does not include any
reference to "public service" as it does here in the USA. THus if it is
not experimental or just-for-fun, then it is not perceived as"amateur
radio" or somewhat milder words to that effect.

If this is true, then I can see somewhat how a European, who views helping
out at a public service event is already a "violation" of the rules,
would see APRS as a threat. But even Public service events in my opinion
I do just for fun too.   I guess it depends on what you think is fun...

Would any Europeans coment on this subtlety about how they view "public

service" aspects of HAM radio? If the perception over there is different,
and even built-into their rules that way, then that might help us to
understand each other better...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

231. [htaprs] MESSAGE functions on MIC!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 17 Jun 2000 18:28:54 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91468-2000.06.17-17.33.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

D700 owners:

JJ1LYU who designed the D700 reports a method for improved APRS
operations from the D700 Microphone:

> As you know, the 4 mic PF keys can be configured from the menu.
> If you configure it to one of the keys that are in the F1 group, then it
> will perform as the selected key even in the menu/input mode.
> The F1 group means the proper keys that are displayed after FULL RESET.
> For example, if you set the "PF" key to "CTRL" from menu, then it works
> as the 6th key on the front-panel-bottom row keys.
>
> Thus you can use the PF-CTRL key function as the "OK" key in the
> message input mode. Because in the message input mode, the "OK" key is
> at the 6th key.
>
> If you set the "MR" key to "MUTE" from menu, then it works
> as the 5th key on any menu.
>
> I setup the PF keys as below.
>   CALL = LIST
>   VFO = MSG
>   MR   = MUTE
>   PF   = CTRL
>
> Thus I can control almost all functions in APRS operation.
> I can check the detail information of a station by
> using the "CALL", "UP"/"DOWN", and "PF" keys:
>   "CALL" is "LIST"
    "UP/DOWN" key on the MIC chooses the station
>   "PF" is "OK"
> And I can use "PTT" for escape because it wont TX.
> I can check and reply message using "VFO", "PF", "UP/DOWN", "PF"
> And "MR" becomes "INS" in the text input mode.
> In this context, remember that DTMF "A" is ->, "B" is <-, "C" is "DEL",
> and "D" is "OK".
>
> So you don't have to touch the display panel.
> Neat.
>
> Hiroto JJ1LYU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] acars modem?

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Sat, 17 Jun 2000 19:12:22 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91488-2000.06.17-20.13.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What kind of modem for ACARS?

lumpy n0eq

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

233. [htaprs] Measurements on TH-D7A

From: "Johann Lochner" <lochner@ing.sun.ac.za>
Date: Sun, 18 Jun 2000 04:10:13 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91493-2000.06.17-21.13.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks,

Two TH-D7A(G)'s arrived at the Sunsat control station on Thursday.
Now we won't have to test new features in the blind any longer :-)

I'm new to this list, but did not find much independent results for
TH-D7A performance measurements in the archives (like bit error rate
tests for the modems, etc). Anyone know of results published on the
Internet?

It really is an impressive little rig, packed with an amazing number
of features. However, it's somewhat disappointing that you can't
interface to the high bandwidth (9k6) audio input/output directly.
Are there instructions for doing this somewhere?

A few CASUAL measurements performed today points to some sub-optimal
characteristics in the transmit paths. Both modems' waveforms was
received on an Icom IC-821H (both bands) and displayed on a scope for
which the Icom's frequency deviation to voltage mapping is roughly
known. The radios performed much the same.

Kenwood TH-D7A(G) [S/N: 11200031]

Carr. [MHz]	Mod. [bit/s]	Remarks	Dev. [kHz]
145.825	9k6	eye slightly closed	1.9
	1k2	high tone	2.8
		low tone	2.6
436.290	9k6	eye very much closed; poor convergence at sampling instants	2.0
	1k2	high tone	3.0
		low tone	2.6

Has anyone else obtained similar results? I'll try to repeat the
measurements in a better calibrated environment soon. The poor 9k6
eye for UHF is disconcerting from a Sunsat point of view (while its
APRS services are activated in Mode B). The deviations seem somewhat
small too. Isn't the norm for 9k6 packet around 3 kHz? The obvious
high pass filtering of the 1k2 modem output (visible after reception)
is also surprising. Or not?

Kind regards,
Johann, ZR1CBC

+--+
  JG Lochner ESL, Universiteit van Stellenbosch
  e-pos: lochner@ing.sun.ac.za
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+--+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

234. [htaprs] Re: acars modem?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 17 Jun 2000 22:46:38 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91503-2000.06.17-21.50.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 17 Jun 2000, Lumpy wrote:

> What kind of modem for ACARS?

Unfortunately, the only one that works with my APRSair is the DSP12.
THats why no one uses it. Its a $795 TNC! I used the one at work to
test, but didnt realize that it was th eonly TNC that converts the ACARS
to ASCII in hardware. All the rest do it withintthe PC..

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

235. [htaprs] Re: Measurements on TH-D7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 17 Jun 2000 22:57:55 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91504-2000.06.17-22.01.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 18 Jun 2000, Johann Lochner wrote:

> A few CASUAL measurements performed today points to some sub-optimal
> characteristics in the transmit paths. Both modems' waveforms was
> received on an Icom IC-821H (both bands) and displayed on a scope for
> which the Icom's frequency deviation to voltage mapping is roughly
> known. The radios performed much the same.
>
> Kenwood TH-D7A(G) [S/N: 11200031]
>
> +-------------+--------------+-----------------------+------------+
> | Carr. [MHz] | Mod. [bit/s] | Remarks | Dev. [kHz] |
> +-------------+--------------+-----------------------+------------+
> | 145.825 | 9k6 | eye slightly closed | 1.9 |
> | | 1k2 | high tone | 2.8 |
> | | | low tone | 2.6 |
> +-------------+--------------+-----------------------+------------+
> | 436.290 | 9k6 | eye very much closed; | 2.0 |
> | | | poor convergence at | |
> | | | sampling instants | |
> | | 1k2 | high tone | 3.0 |
> | | | low tone | 2.6 |
> +-------------+--------------+-----------------------+------------+
>
> Has anyone else obtained similar results? I'll try to repeat the
> measurements in a better calibrated environment soon. The poor 9k6
> eye for UHF is disconcerting from a Sunsat point of view (while its
> APRS services are activated in Mode B). The deviations seem somewhat
> small too. Isn't the norm for 9k6 packet around 3 kHz? The obvious
> high pass filtering of the 1k2 modem output (visible after reception)
> is also surprising. Or not?

I have not made any quantitative tests, but I did notice that while
receiving a D700 on another D700 and looking at the AUDIO from the SPEAKER
on a scope, that I observeda clear 6+ dB rolloff of the high tone. I was
very much surprised at this. It told me that Kenwood has chosen to
balance the tones at the descriminator (with no advantage taken of
Pre/dEMphasis normally assumed on an AFSK FM channel. I have NOT
published this, but asked kenwood.

I have not gotten an answer other than they said that USA Hams like to
hear bassy audio and so the speaker does have high frequency roll off.
But they did not say what is their "standard". Yet you say you are seeing
"high pass", which is the opposit of what I was seeing. But then you are
looking at another receiver (presumably de emphasized?) And I was looking
at the speaker.

I have never looked at 9600 baud.

Do you agree that 1200 baud audio AFSK should be balanced at the "mic and
speaker" which are the connection points for 99.9% of all ham radio TNC's?

Your data above was not clear relative to whether yuo expected deemphasis
on receive or not.   SO can you clarify for me you opinion? Thanks. bob

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

236. [htaprs] Re: Measurements on TH-D7A

From: Greg Noneman <greg@clubnet.net>
Date: Sat, 17 Jun 2000 21:26:11 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91514-2000.06.17-23.30.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>
>I have not made any quantitative tests, but I did notice that while
>receiving a D700 on another D700 and looking at the AUDIO from the SPEAKER
>on a scope, that I observeda clear 6+ dB rolloff of the high tone. I was
>very much surprised at this. It told me that Kenwood has chosen to
>balance the tones at the descriminator (with no advantage taken of
>Pre/dEMphasis normally assumed on an AFSK FM channel. I have NOT
>published this, but asked kenwood.
>
>I have not gotten an answer other than they said that USA Hams like to
>hear bassy audio and so the speaker does have high frequency roll off.
>But they did not say what is their "standard". Yet you say you are seeing
>"high pass", which is the opposit of what I was seeing. But then you are
>looking at another receiver (presumably de emphasized?) And I was looking
>at the speaker.
>
>I have never looked at 9600 baud.
>
>Do you agree that 1200 baud audio AFSK should be balanced at the "mic and
>speaker" which are the connection points for 99.9% of all ham radio TNC's?
>Your data above was not clear relative to whether yuo expected deemphasis
>on receive or not.   SO can you clarify for me you opinion? Thanks. bob
>
I haven't looked much at the receivers of the D7 and D700, but I did
casually look at the transmit deviation of both radios and found that
neither was applying standard pre-emphasis (at least in the 1200 bps
packet mode). What I observed was similar deviation for both of the 1200
bps tones. There may be a little high pass filtering, but certainly not
the standard 6 dB per octave.

Greg
WB6ZSU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

237. [htaprs] Re: The French Resistance

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 18 Jun 2000 0:49:23
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91538-2000.06.18-00.53.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga makes an excellent point that there could be a major
difference between European regulators and the FCC in connection with Ham
radio use of the scarce spectrum resource.

I have a little different spin on this. One of my Economics Professors in
college pointed out that ultimately, the free marketplace will always win
out over the Regulators, given enough time (Bill Gates: Are you listening
over there in Medina?). My Professor pointed out, for example, how key
deposits for apartments went to $10,000 when the New York City government
instituted rent controls in the 1970's, and how a taxi medalion in NYC cost
over $100,000 way back in 1970 (I think they now go for more than
$500,000).

As far as arguing about various "appropriate" forms of ham radio usage of
the spectrum, we need to realize that unless something big changes, it is a
moot point---so long as we continue to use this scarce spectrum resource
without paying for it, we are sure to lose it to commercial interests that
are willing to pay for it.

How much are our VHF and UHF bands worth in the open marketplace in the US? In the last 3 years, FCC spectrum auctions have typically brought in about $10 per POP per 10 MHz of UHF spectrum (a POP is a person, or one population) in the US. Currently, there are 275 million POPs in the US. Given that our Ham licenses cover the entire US, it is easy to calculate the estimated commercial worth of our bands (this estimate will not be precisely correct, but it will be directionally correct).

Between 50 MHz and 2.4 GHz, US Hams have 177 MHz of allocated spectrum, on a primary and/or secondary basis. Based on the FCC spectrum auctions, at a dollar worth of $10 per POP per 10 MHz, given that there are 275 million POPs in the US and there are about 250,000 ACTIVE Hams, do the arithmetic. This works out to $200,000 per active Ham.

So, the commercial value of our VHF/UHF spectrum (not counting our microwave bands and HF, etc) is $200,000 per avtive Ham in the US alone! Since most Hams don't have this kind of money, or even if they did have it they would not be willing to pay this price, how much longer will the Fed let us use this scarce resource FOR FREE in a capitalistic economy? Maybe another generation or two, if that?

My point is that differences between Europe and the US in terms of Ham radio usage regulations pale in terms of what we really face---the complete loss of a large part of our Ham spectrum, and quite possibly very soon. I hate to sound like Wayne Greene, but unles we get usage up, I believe the hand writing is on the wall.

APRS is the fastest growing segment of Ham radio today, so I say to the grumpy 'ol Frenchman: Blow Off! We would like to save our Ham bands so we can continue to enjoy them with NEW DIGIATAL TECHNOLOGIES, and we don't need your grumpy advice!

BTW, for those of us that think the Public Service aspect is the saving grace for Ham radio, let's face it---every time there is a car wreck on the freeway, the Police get 100 cell phone calls for every one (hard to understand, crackly, half-duplex, antiquated analog) autopatch call from a Ham operator. Same thing is largely true for natural disasters: typically, the cell system works fine, and the days of the voice Ham operator having significant impacts in emergencies is coming to an end, unless we get Hams to use APRS!!

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

238. [htaprs] Re: The French Resistance

From: "Jonathan Bradshaw" <Jonathan@NrgUp.Net>
Date: Sun, 18 Jun 2000 08:29:28 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91551-2000.06.18-02.33.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have no idea yet about the rest of Europe but I'm doing a crash course in learning the UK system and so for your reference I quote from the UK Radio Amateurs Examination Manual:

> "An amateur radio license is issued under the authority of the Secretary for Trade and Industry for the purpose of self-training in the science of radio communication and to allow technical investigation of that science. Any other activities in which radio amateurs may be involved, such as contesting, radio direction finding and DXing are just a means to the above end." (pg 6)

I refer to BR68, however (the nearest equivalent to the FCC part 98) which states:

> "... However, amateurs have always been ready to put their skills and experience at the service of the community; this additional function is officially recognized by provisions in the license to use certain frequency bands for passing messages to assist the emergency services listed in paragraph (12)(1)(o) of the license."

That part of the license (12)(1)(o) states:

> o) "User Service" means the British Red Cross Society, the St John Ambulance Brigade, the St Andrew's Ambulance Association, the Chief Emergency Planning Officer ("Chief Emergency Planning Officer" means

an Emergency Planning Officer who is not responsible to any higher
Emergency Planning Officer, such as a County, Regional or Islands
Emergency Planning Officer) or any United Kingdom police force, fire or
ambulance service, health authority, government department or public
utility...

So there you have it :-) Personally, I was involved with Red Cross
activities in the US and hope that I will be able to find similar activities
here in the UK to participate in.

M/N9OXE (awaiting my UK reciprocal call)

Links: http://www.radio.gov.uk/document/ra_info/br68.htm
        http://www.rsgb.org/books/training.htm#RAEM

-----Original Message-----
Subject: Re: The French Resistance
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 17 Jun 2000 17:54:44 -0400 (EDT)
X-Message-Number: 7

On Fri, 16 Jun 2000, Larry Zanella wrote:

> The Frenchman is precisely wrong. The usage of the ham bands is on the
> decline and...

Today I listened to Paul Rinaldo W4RI (ARRL) at the AMRAD symposium
talking in general about regulatory issues and I learned something new.
He says that the basis for amateur radio in Europe does not include any
reference to "public service" as it does here in the USA. THus if it is
not experimental or just-for-fun, then it is not perceived as"amateur
radio" or somewhat milder words to that effect.

If this is true, then I can see somewhat how a European, who views helping
out at a public service event is already a "violation" of the rules,
would see APRS as a threat. But even Public service events in my opinion
I do just for fun too.   I guess it depends on what you think is fun...

Would any Europeans coment on this subtlety about how they view "public
service" aspects of HAM radio? If the perception over there is different,
and even built-into their rules that way, then that might help us to
understand each other better...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

239. [htaprs] [aprssig] Re: The French Resistance

From: Roger Barker <roger@peaksys.co.uk>
Date: Sun, 18 Jun 2000 09:59:04 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-91555-2000.06.18-04.03.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR1643-91461-2000.06.17-16.58.46--ROGER#PEAKSYS.CO.UK@lists
.tapr.org>, Bob Bruninga <bruninga@nadn.navy.mil> writes
>On Fri, 16 Jun 2000, Larry Zanella wrote:
>
>> The Frenchman is precisely wrong. The usage of the ham bands is on the
>> decline and...
>
>Today I listened to Paul Rinaldo W4RI (ARRL) at the AMRAD symposium
>talking in general about regulatory issues and I learned something new.
>He says that the basis for amateur radio in Europe does not include any
>reference to "public service" as it does here in the USA. THus if it is
>not experimental or just-for-fun, then it is not perceived as"amateur
>radio" or somewhat milder words to that effect.
>
>If this is true, then I can see somewhat how a European, who views helping
>out at a public service event is already a "violation" of the rules,
>would see APRS as a threat. But even Public service events in my opinion
>I do just for fun too.   I guess it depends on what you think is fun...
>
>Would any Europeans coment on this subtlety about how they view "public

>service" aspects of HAM radio? If the perception over there is different,
>and even built-into their rules that way, then that might help us to
>understand each other better...

First of all, as I commented previously, you shouldn't expand the
comments of one person to be representative of anything other than that
one person's opinion. So I think this is all very much a storm in a tea
cup.

Also, you can't regard European amateur radio as one entity. There are a
lot of separate countries over here, each with its own culture and each
with its own ham radio regulations. (For instance, when it comes to how
packet radio is regulated, there are very significant differences.) The
comments that are being made about "Europeans" are roughly the
equivalent of me talking about "Americans" in the all-encompassing sense
of including both continents.

For what it's worth, our regulations in the UK start with these
statements:-

1. (1) The licensee shall use the Station for the purpose of self-
training in communication by wireless telegraphy, which use (without
limiting the generality of the foregoing) includes technical
investigations.

1. (2) The Licensee may use or permit the use of the Station, as part of
his self-training in communications by wireless telegraphy, during any
operation conducted by a User Service [defined in sub-clause 12(1)(o)]
or during any exercise relating to such an operation for the purpose of
sending Messages on behalf of the User Service to other licensed amateur
stations.

And a "user service" is defined as:-

12. (1)(o) "User Service" means the British Red Cross Society, the St
John Ambulance Brigade, the St Andrew's Ambulance Association, the Chief
Emergency Planning Officer ... or any United Kingdom police force, fire
or ambulance service, health authority, government department or public
utility.

So there is certainly an aspect of "public service", but it applies to
special/emergency situations.

In terms of restrictions on commercial use, the regulations say:-

3(3) The Licensee shall:

(a) have no pecuniary interest (direct or indirect) in any operations
conducted under this Licence; and
(b) except as provided by sub-clauses 1(2) and (3) and except in the
case of activities on behalf of a non-profit organisation established
for the furtherance of amateur radio, not use the Station for business,
advertisement or propaganda purposes including (without limiting the
generality of the foregoing) the sending of news or messages of, or on
behalf of, or for the benefit or information of, any social, political,
religious or commercial organisation.

(In interpreting 3(3), the self-appointed "policemen" of UK amateur
radio show an unbelievable level of hypocrisy, but that's another
story...)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

240. [htaprs] Re: The French Resistance

From: Carl <carl_mail@dr.com>
Date: Sun, 18 Jun 2000 10:11:05 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, htaprs@lists.tapr.org, aprssig@tapr.org
Message-ID: <LYR845-91557-2000.06.18-04.25.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> He says that the basis for amateur radio in Europe does not include any
> reference to "public service" as it does here in the USA. THus if it is
> not experimental or just-for-fun, then it is not perceived as"amateur
> radio" or somewhat milder words to that effect.

I can't speak for Europe <g> but in the UK the essence of the license is that
it is for 'self training in wireless communication'. The only public service
aspect is that the police may -through a licensed ham- make use of an amateur
station.

The emergency radio network (Raynet and I think another one) are quite
sophisticated in their organisation, but are still 'hobby' based.

Also we aren't allowed to sell anything via amateur radio - or do any
business using the medium.

We have only been able to pass third party greeting messages comparatively
recently. Internet hook up requires a specific notice of variation to
your license. No phone patches.

(mind you, we dont get many Tornados either, so its not all bad)

73
Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

241. [htaprs] Re: Measurements on TH-D7A

From: "Johann Lochner" <lochner@ing.sun.ac.za>
Date: Sun, 18 Jun 2000 22:09:23 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91628-2000.06.18-15.12.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,

> I have not made any quantitative tests, but I did notice that
> while receiving a D700 on another D700 and looking at the AUDIO
> from the SPEAKER on a scope, that I observeda clear 6+ dB rolloff
> of the high tone. I was very much surprised at this. It told me
> that Kenwood has chosen to balance the tones at the descriminator
> (with no advantage taken of Pre/dEMphasis normally assumed on an
> AFSK FM channel. I have NOT published this, but asked kenwood.

The speaker output on the TH-D7A(G) is useless for 9k6 comms. It is
low pass filtered; didn't even bother with it further. I have not
done anything to determine the MIC response yet. Can't see why it
will pass 9k6 if the SP doesn't. I wasn't aware that pre-emphasis is
used on NBFM channels. The Icom IC-821H does no pre/de-emphasis.

It would have been extremely useful if the audio in/out ports had
full bandwidth connections to the varactor diode and discriminator
output. For a start, testing modems over RF from a test bench
couldn't be made easier. You also wouldn't be limited to the
internal TNC for experiments. Does the RF/TNC integration of the HT
limit possibilities for tapping into these paths directly?

> I have not gotten an answer other than they said that USA Hams
> like to hear bassy audio and so the speaker does have high
> frequency roll off. But they did not say what is their "standard".
> Yet you say you are seeing "high pass", which is the opposit of
> what I was seeing. But then you are looking at another receiver
> (presumably de emphasized?) And I was looking at the speaker.

No de-emphasis on the IC-821H, as indicated above.

> I have never looked at 9600 baud.
>
> Do you agree that 1200 baud audio AFSK should be balanced at the
> "mic and speaker" which are the connection points for 99.9% of all
> ham radio TNC's? Your data above was not clear relative to whether
> yuo expected deemphasis on receive or not.   SO can you clarify
> for me you opinion? Thanks. bob

If with "balanced" you mean a flat response, I would agree. I don't

expect pre/de-emphasis on NBFM channels (with this I may be wrong).
Ideally, to accommodate 9k6, I would expect a flat response from 0 Hz
to 7200 Hz. ;-)

For me the problem lies not primarily with the 1k2 signal. It is
much worse for 9k6. Its deviation seems too small. There are also
some low pass filtering visible from the VHF transmitter; even more
so in the UHF case. Hence my interest in bit error rate tests (not
that easy to perform without full access to the relevant paths).

Don't get me wrong: I think this is a wonderful radio and expect much
pleasure from it in future. It can be made even better, though.

Kind regards,
Johann, ZR1CBC

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  e-pos: lochner@ing.sun.ac.za
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

242. [htaprs] D7G software?

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Sun, 18 Jun 2000 15:28:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91629-2000.06.18-15.26.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Am I losing my mind, or has the D7 software on Kenwood's FTP site
vanished?

Just brought home a D7A(G), to find the software on the CD/Cable pkg
only for the D7A, and absolutely no software on their site.   That's a
bit weird.

-N9YBX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

243. [htaprs] ASTARS D7A(G) Memories

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Sun, 18 Jun 2000 15:42:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91631-2000.06.18-15.46.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob et al,

How do I save a memory channel in the D7A for ASTARS. From the ASTARS
webpage, "Then SAVE each Mode-J or -B as PROGRAM MEMORY #N, for instant
access." Granted, this is regarding the D700. Does it not apply to the
D7A.

Tnx es 73,

Joel B. Black, K2SAT
AMSAT.....32589
AMSAT Local Area Coordinator
k2sat@amsat.org
http://www.mindspring.com/~jbblack
AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
TO-31, UO-22, UO-36

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

244. [htaprs] Re: Repair turn arounds on D7A

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sun, 18 Jun 2000 18:30:25 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91644-2000.06.18-20.34.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My D7 was hopelessly locked up, in need of a new case and keypad (dropped quite a few times but kept on working fine until running on external power in APRS mode for about 6 hours). Two weeks later, the shiny new case with a (G) upgrade inside arrived at my door.. I think that this is a great turnaround since they contacted me twice and had to wait for my reply

Now if I could only get my Yaesu FT-757GX II back from Yaesu repair (sent at the same time).

Glenn, KG7IL in Renton, Washington

"Eric A. Cottrell" wrote:

> What turn-around times have list members seen for their D7 repairs?
> Eric eac@shore.net eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

245. [htaprs] Re: D7G software?

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sun, 18 Jun 2000 18:33:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91646-2000.06.18-20.37.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My D7 (G) upgrade just arrived last friday. The paper enclosed with my upgraded D7 said that there was new software on their ftp site. I couldn't find it!

Glenn, KG7IL in Renton, Washington

"Ryan K. Brooks" wrote:

> Am I losing my mind, or has the D7 software on Kenwood's FTP site
> vanished?
> -N9YBX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

246. [htaprs] Re: D7G software?

From: "stridr" <stridr@optonline.net>
Date: Sun, 18 Jun 2000 21:38:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91648-2000.06.18-20.42.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ryan Brooks wrote:
<snip>
> Just brought home a D7A(G), to find the software on the CD/Cable pkg
> only for the D7A, and absolutely no software on their site. That's a
> bit weird.
<endsnip>

Ryan,
I've received a beta copy of the new software which supports the (G), from Kenwood.

I've run Norton Virus Scan on the zipped file, and believe the file to be clean. However, when I unzipped it, the .doc file was corrupted. The application, MCP-D7G, seems to run ok, but I've yet to check it out entirely.

I've notified Kenwood of the corrupted file, and await an answer.

If you or anyone else wants a copy of the zipped file, email me direct and I'll send it along.

Howard

Help eradicate Pediatric Brain Tumors
Support our ride 20 Aug 2000
http://go.to/nerfk

Howard Hecht W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

247. [htaprs] Re: D7G software?

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Sun, 18 Jun 2000 20:44:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: HTAPRS mailing list <htaprs@lists.tapr.org>
Message-ID: <LYR845-91649-2000.06.18-20.43.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmmm. Thanks for the additional datapoint... I guess we'll just have to
wait.

In other news, I'm having difficulty with my Streetpilot and the 'G. It
works fine on my D700, but does nothing for the 'G.

-N9YBX

Glenn Cummings wrote:

> My D7 (G) upgrade just arrived last friday. The paper enclosed with my
> upgraded D7 said that there was new software on their ftp site. I
> couldn't find it!
>
> Glenn, KG7IL in Renton, Washington
>
> "Ryan K. Brooks" wrote:
>
> > Am I losing my mind, or has the D7 software on Kenwood's FTP site
> > vanished?
> > -N9YBX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

248. [htaprs] Re: D7G software?

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 18 Jun 2000 22:55:59
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91675-2000.06.18-22.59.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I also received the new TH-D7 (G) programming software and everything works
fine. My .doc file is NOT corrupted. It opens up and the instructions read
just fine. You must have gotten a glitch during youir particular download,
etc.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

249. [htaprs] Trans-America-Canada-Alaska 7-22-2000

From: "Pete Guimond" <n1ezt@aol.com>
Date: Sun, 18 Jun 2000 22:57:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91678-2000.06.18-23.01.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,

As the heading says, I am looking foreward to a 3 week long cross country
trip with my sons Boy Scout Troop.

I am hoping to use HF Voice, HFAPRS, and PacGate APRS, along with the usual
TMD700 line of sight stuff. My questions relate to HF and propagation on
30M APRS. I am new to HF APRS so any help would be appreciated. Also
suggestions on Satellite Ops, PacGate, and who or where in Central/Western
US/Canada/Alaska might be operating these modes. I am presently
experimenting with Satellite, and hope to get some more experience this
weekend at Field Day.
More to come..

And Good Luck to all on FD.

Thanks in advance, and any replies can come direct, so we dont clutter the
Sigs.

N1EZT, Pete Guimond (n1ezt@arrl.net)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

250. [htaprs] Re: D7G software?

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 18 Jun 2000 22:59:31
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91679-2000.06.18-23.03.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When you connect the Street Pilot to the D700, does the Street Pilot accept
waypoint inputs from the D700(e.g., does it display callsigns and icons on
the Street Pilot's screen?

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

251. [htaprs] Re: D7G software?

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Sun, 18 Jun 2000 23:14:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91680-2000.06.18-23.13.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not here - it's still my understanding that it doesn't accept anything
upstream.

-N9YBX

Larry Zanella wrote:

> When you connect the Street Pilot to the D700, does the Street Pilot accept
> waypoint inputs from the D700(e.g., does it display callsigns and icons on
> the Street Pilot's screen?
>
> Larry
>
> ---
> You are currently subscribed to htaprs as: ryan@inc.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

252. [htaprs] Re: D7G software?

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 18 Jun 2000 23:9:39
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91681-2000.06.18-23.13.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"In other news, I'm having difficulty with my Streetpilot and the 'G. It
                        works fine on my D700, but does nothing for the

'G."

When you interface the D700 to the Garmin Streetpilot, are you saying that you are able to read-in waypoint data from the D700 into the Streetpilot and see callsigns and their associated icons on the Streetpilot?! (You said "It works fine with the D700." Not sure if you meant OUTPUT ONLY, or INPUT AND OUTPUT.)

Unless Garmin has changed something in the last 10 days or so, my experience with the Streetpilot (color screen) and the D700 is that the Streetpilot is able to input position data into the D700. However, the D700 is NOT able to load waypoint data into the Streetpilot. Thus, the Streetpilot is UNABLE to display callsigns and their icons on its screen. The same thing holds true for the GPSMAP 295.

I have the latest Garmin software downloads from Garmin's web, so it shouldn't be a question of software versions.

Can you let us know what's up?

Thanks!

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

253. [htaprs] Re: Measurements on TH-D7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 19 Jun 2000 00:11:27 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91684-2000.06.18-23.15.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 18 Jun 2000, Johann Lochner wrote:

> The speaker output on the TH-D7A(G) is useless for 9k6 comms. It is
> low pass filtered; didn't even bother with it further. I have not
> done anything to determine the MIC response yet. Can't see why it
> will pass 9k6 if the SP doesn't.

You must have missread my email. I am only talking about 1k2 via the speaker.

> I wasn't aware that pre-emphasis is
> used on NBFM channels. The Icom IC-821H does no pre/de-emphasis.

ALL amateur AX.25 1200 baud AFSK on NBFM in the USA assumes the user hooks up his TNC to the SPEAKER audio and Microphone audio. THus it has the noise suppression advantage of all pre/deemphasized ausio used on NBFM. There are some individuals who have hooked directly to their discriminators and modulators, but they experinece a 6 dB skew interoperability problem when trying to work with anyone else.

> It would have been extremely useful if the audio in/out ports had
> full bandwidth connections to the varactor diode and discriminator
> output. For a start, testing modems over RF from a test bench
> couldn't be made easier. You also wouldn't be limited to the
> internal TNC for experiments.

Why would one invest $500 for a radio with a built-in-TNC, if he was then going to hook up an external TNC? In this case he would use an $88 HT radio I think?

> No de-emphasis on the IC-821H, as indicated above.

Then a normal properly balanced 1k2 AFSK NBFM signal should show 6 dB greater level on the high tone than the low tone... as received on your radio. But as you say, you see a close balance, so apparently Kenwood is not pre-emphasiznig its transmissions. THis explains why it sometimes has trouble decoding some other signasl that are STONRG, but imbalanced.

> > I have never looked at 9600 baud. > >
> > Do you agree that 1200 baud audio AFSK should be balanced at the
> > "mic and speaker" which are the connection points for 99.9% of all
> > ham radio TNC's? Your data above was not clear relative to whether

> > yuo expected deemphasis on receive or not. SO can you clarify
> > for me you opinion? Thanks. bob
>
> If with "balanced" you mean a flat response, I would agree. I don't
> expect pre/de-emphasis on NBFM channels (with this I may be wrong).
> Ideally, to accommodate 9k6, I would expect a flat response from 0 Hz
> to 7200 Hz. ;-)

Yes, flat response at the discriminator for 9k6 FSK, but flat at the
speaker/mic for 1k2 AFSK. THus a 6 dB skew if viewed at the disc.

> For me the problem lies not primarily with the 1k2 signal. It is
> much worse for 9k6. Its deviation seems too small. There are also
> some low pass filtering visible from the VHF transmitter; even more
> so in the UHF case. Hence my interest in bit error rate tests (not
> that easy to perform without full access to the relevant paths).

Is yours a THD7E or A? the E has narrower filters I think to mee the
European requirements?

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

254. [htaprs] Re: ASTARS D7A(G) Memories

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 19 Jun 2000 00:13:41 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: HT APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91685-2000.06.18-23.17.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 18 Jun 2000, Joel B. Black wrote:

> How do I save a memory channel in the D7A for ASTARS. From the ASTARS
> webpage, "Then SAVE each Mode-J or -B as PROGRAM MEMORY #N, for instant
> access." Granted, this is regarding the D700. Does it not apply to the
> D7A.

Only the G model has 3 separate PROGRAM memories. Not the &a

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

255. [htaprs] Re: D7G software?

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Sun, 18 Jun 2000 23:28:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91686-2000.06.18-23.26.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

By working fine, I meant that the D700 is able to read position from it, not
that the D700 is able to upload other stations to the display.

Sorry for the misunderstanding; I was attempting to contrast it to my luck with
the 'G to date, which has been no input or output luck with the StreetPilot.

-N9YBX

Larry Zanella wrote:

> "In other news, I'm having difficulty with my Streetpilot and the 'G. It
>   works fine on my D700, but does nothing for the
> 'G."
>
> When you interface the D700 to the Garmin Streetpilot, are you saying that
> you are able to read-in waypoint data from the D700 into the Streetpilot
> and see callsigns and their associated icons on the Streetpilot?! (You said
> "It works fine with the D700." Not sure if you meant OUTPUT ONLY, or INPUT

> AND OUTPUT.)
>
> Unless Garmin has changed something in the last 10 days or so, my
> experience with the Streetpilot (color screen) and the D700 is that the
> Streetpilot is able to input position data into the D700. However, the D700
> is NOT able to load waypoint data into the Streetpilot. Thus, the
> Streetpilot is UNABLE to display callsigns and their icons on its screen.
> The same thing holds true for the GPSMAP 295.
>
> I have the latest Garmin software downloads from Garmin's web, so it
> shouldn't be a question of software versions.
>
> Can you let us know what's up?
>
> Thanks!
>
> Larry
>
> ---
> You are currently subscribed to htaprs as: ryan@inc.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

256. [htaprs] D7-G Software Problems-No New Features!

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Mon, 19 Jun 2000 0:24:10
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91704-2000.06.19-00.27.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On this past Friday (June 16), Kenwood sent me an email with their new D7
-G programming software attached. I unzipped it and successfully loaded it.
The title says T7-G and under Help it also clearly shows it as the G
version.

It is labeled as T7-G Beta V 0.00.

So far, I can't find any of the upgrade features promised in this PC
programming software---it looks like none of the new featurews are
supported in the G model at this time, unless you manually program them in
from the radio without using your PC and the associated prigramming
software.

For instance, the G model is supposed to support 3 My Positions, rather
than just one like the old model (but not 5 like the D700). Anyway, it
continues to support only one My Position in the G programming software.

I am finding the same thing for all of the other features that Kenwood's PR
sheet advertises for the new features supposedly supported by the new G
version--so far, they are not there.

It appears to me that in the rush to get some kind of PC programming tool
out there to support the G model, they have released this Beta version. It
appears that it will let you program the new G model with your PC (which is
better than before since the old PC software was completely incompatible
with the new G version). However, it appears to me that this Beta version
does not support any of the new features of the G model, at this time. And,
I don't see any way to even get the memory channels transfered from the old
PC software to the new PC software for the G model.

Looks like we will have to wait for the Beta version to be replaced before
we can program the G version with any of its new features via our PCs.

Sure wish they would have said this in their "read me" text---would have
saved me from wasting a lot of time.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

257. [htaprs] Re: The French Resistance - try to explain

From: "Höller, Wolf-Dieter" <Wolf.Hoeller@fw.oebb.at>
Date: Mon, 19 Jun 2000 13:22:03 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91741-2000.06.19-06.25.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob, Larry and the other US-hams on the list!

I hope my virtuosity in english is good enough to explain some things between the european and the us ham radio regulations:

Your are both right, but it depends of the point of view. In Europe third party traffic is only allowed in case of emergencies when the public network is down! But without phonepatch ... on both ends must be an ham radio operator. So it is not possible (allowed) to serve the public with some services through amateur radio!
The understandig of the most european authorities is, when we use our amateur radio bands to provide professional content, than it is not amateur radio! And in this case we will lose some bands or segments .... The government needs money and the industry will pay to get our frequencies !! Our telecom authorities do not allow to mix the amateur radio with commercial content! In some eu countries it is a problem (not allowed) to link a packet radio link via an IP-tunnel through the internet....I.e. the TCP/IP protocols via packet radio with ham web application, e-mailing, file service a.s.o. is a wireless application which several telco companies want to provide us - for money!

So US-hams please understand when an eu-ham is fighting to keep the amateur bands - but in a way you may understand not right!
In Europe ham radio is a very highly experimental radio service with more technical and experimental aspects than in other regions!

Since Bob has described his APRS system and several software developer have released their software for APRS also in eu the "APRS fever" is increasing rapidly!! For my person as a ham I like to experiment with APRS via satellites as well as chatting via satellites.

We all have the same target to save our bands. With traffic, with new developments, with experiments, with education - several ways but the same target!

73 de Wolf
oe7ftj@gmx.net
Chairman AMSAT-OE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

258. [htaprs] Re: D7G software?

From: "John R. Fulton Jr." <JRFjr@compuserve.com>
Date: Mon, 19 Jun 2000 06:28:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91742-2000.06.19-06.32.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All--
I'm a newbie to APRS and am considering purchasing a GPS to go with a TH7A(G).
My understandiing is that the GPSIII+ IS ABLE to display callsigns,
icons etc. on the map/screen from the TH7A(G). Or is it the
discontinued GPSIII?
Do I understand then that the StreetPilot and the StreetPilotColorMap
are NOTable to display the callsigns, icons etc on their screens?
Is the Garmin "GPSIIIplus" the recommendation for GPS receivers at this time??
Thanks for your patience.
John Fulton, W5ZZZ
Fort Worth

>
>When you interface the D700 to the Garmin Streetpilot, are you saying that
>you are able to read-in waypoint data from the D700 into the Streetpilot
>and see callsigns and their associated icons on the Streetpilot?! (You said
>"It works fine with the D700." Not sure if you meant OUTPUT ONLY, or INPUT
>AND OUTPUT.)
>

>Unless Garmin has changed something in the last 10 days or so, my
>experience with the Streetpilot (color screen) and the D700 is that the
>Streetpilot is able to input position data into the D700. However, the D700
>is NOT able to load waypoint data into the Streetpilot. Thus, the
>Streetpilot is UNABLE to display callsigns and their icons on its screen.
>The same thing holds true for the GPSMAP 295.
>
>I have the latest Garmin software downloads from Garmin's web, so it
>shouldn't be a question of software versions.
>
>Can you let us know what's up?
>
>Thanks!
>
>Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

259. [htaprs] (no subject)

From: JULIUS GRESHAM <k4min@worldnet.att.net>
Date: Mon, 19 Jun 2000 07:57:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91750-2000.06.19-06.55.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

leave-htaprs-17039R@lists.tarp.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

260. [htaprs] THD7 (G) version <<>> Garmin GPS III+ problem

From: Ralph Fowler <rwf@bsrg.org>
Date: Mon, 19 Jun 2000 08:02:03 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91752-2000.06.19-07.06.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So... I thought it was just me- but it isn't.

I and two others have noticed that our upgraded THD7A radios no longer
parse the data from the Garmin GPS 3+.
The blinking occurs, and it quits when we disconnect the data cable- so I
know the cable is fine.

The radio setting we are using is NMEA, not NMEA96, although I tried NMEA96
too to rule out a command inversion.
Both GPS's and cable work fine on my D700.

What is wrong with these radios? Is the G version messed up?

Ralph

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

261. [htaprs] Re: THD7 (G) version <<>> Garmin GPS III+ problem

From: "Walter Dunckel" <walter@radiohound.com>
Date: Mon, 19 Jun 2000 05:33:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91755-2000.06.19-07.35.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine works great with the GPSIII. Do you have Waypoint set correctly? It
should be set for 6 digit NMEA for the GPSIII. This setting tells the D7G
whether to send the data to the GPS, and how many characters the GPS can
handle for its waypoint title.

Walter

----- Original Message -----
From: "Ralph Fowler" <rwf@bsrg.org>
Subject: [htaprs] THD7 (G) version <<>> Garmin GPS III+ problem

> So... I thought it was just me- but it isn't.
>
> I and two others have noticed that our upgraded THD7A radios no longer
> parse the data from the Garmin GPS 3+.
> The blinking occurs, and it quits when we disconnect the data cable- so I
> know the cable is fine.
>
> The radio setting we are using is NMEA, not NMEA96, although I tried
NMEA96
> too to rule out a command inversion.
> Both GPS's and cable work fine on my D700.
>
> What is wrong with these radios? Is the G version messed up?
>
> Ralph
>
> ---
> You are currently subscribed to htaprs as: walterd@radiohound.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

262. [htaprs] Re: Measurements on TH-D7A

From: "Johann Lochner" <lochner@ing.sun.ac.za>
Date: Mon, 19 Jun 2000 15:05:48 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91760-2000.06.19-08.09.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,

> Why would one invest $500 for a radio with a built-in-TNC, if he
> was then going to hook up an external TNC? In this case he would
> use an $88 HT radio I think?

Ouch, we paid around $815 for ours (shipping included). It would
have been nice to have the other options available at that price.
Even better, imagine all the possibilities for experimentation when
being able to (a) connect a signal source/sink (modem) to the HT's
mod/disc and (b) connect the HT's modems to external tranceivers.
Guess this is wishing for too much.

> Yes, flat response at the discriminator for 9k6 FSK, but flat at
> the speaker/mic for 1k2 AFSK. THus a 6 dB skew if viewed at the
> disc.

Sunsat does no pre-emphasis on its 1k2 AFSK signals. It should thus
be balanced at the HT discriminator. That'll lead to some skewing at
the speaker. But why would you want to hook up an external TNC? ;-)

> Is yours a THD7E or A? the E has narrower filters I think to mee
> the European requirements?

TH-D7A(G), ordered from the USA.

Kind regards,
Johann, ZR1CBC

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  e-pos: lochner@ing.sun.ac.za
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

263. [htaprs] Re: The French Resistance

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 19 Jun 2000 08:32:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-91763-2000.06.19-08.40.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Larry,

ICOM is nervous? Seem they are so far behind on APRS and new radios they may never catch up. Even Alinco has a radio with a built in TNC. All ICOM has new is an HT with a built in TV screen.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

"Some people live an entire lifetime and wonder if they have ever made a difference to the world, but the Marines don't have that problem."
President Ronald Reagan

> -----Original Message-----
> From: Larry Zanella [SMTP:larry.zanella@attws.com]
> Sent: Friday, June 16, 2000 6:59 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: The French Resistance
>
> The Frenchman is precisely wrong. The usage of the ham bands is on the
> decline and we are likely to lose most of our spectrum in the next few
> decades. APRS is the fastest growing segment of ham radio today (Why do
> you
> think Icom is so nervous about the D700 and the TH-D7?!) APRS is the best
> hope ham radio has to retain its spectrum for another generation or two.
>
> Larry
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

264. [htaprs] Re: THD7 (G) version <<>> Garmin GPS III+ problem

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Mon, 19 Jun 2000 10:33:33
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91784-2000.06.19-10.37.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 06/19/00, ""Walter Dunckel" <walter@radiohound.com>" wrote:
> Mine works great with the GPSIII. Do you have Waypoint set correctly? It
> should be set for 6 digit NMEA for the GPSIII. This setting tells the D7G
> whether to send the data to the GPS, and how many characters the GPS can
> handle for its waypoint title.
>
> Walter
>
> ----- Original Message -----
> From: "Ralph Fowler" <rwf@bsrg.org>
> Subject: [htaprs] THD7 (G) version <<>> Garmin GPS III+ problem
>
>
> > So... I thought it was just me- but it isn't.
> >
> > I and two others have noticed that our upgraded THD7A radios no longer
> > parse the data from the Garmin GPS 3+.
> > The blinking occurs, and it quits when we disconnect the data cable- so I
> > know the cable is fine.
> >
> > The radio setting we are using is NMEA, not NMEA96, although I tried
> NMEA96
> > too to rule out a command inversion.
> > Both GPS's and cable work fine on my D700.
> >
> > What is wrong with these radios? Is the G version messed up?
> >
> > Ralph

> >
> > ---
> > You are currently subscribed to htaprs as: walterd@radiohound.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >Walter,

Does the Garmin GPS III+ accept way points of 9 digit NMEA length from
either the D7 and/or the D700, or are you limited to the 6 digit NMEA?

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

265. [htaprs] The French Resistance

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Mon, 19 Jun 2000 18:02:21 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91791-2000.06.19-11.06.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

I may be out of line here as I have no real idea what the discussion has be in this regards. But what I can pick up is there seems to be some discrepancies about what a Ham can do in the US and what a Ham can do in the EU. It seems to me that they clash some where.

This is been the argument here in South Africa for some time. If the rest of the world can do it so can we! With in reason that is. A few months ago we, my local ham radio club, set up a phone patch system. Now this is some thing that is totally taboo here. But we pointed out to the authorities that ham radio was going though a technological change. This means rules have to change to keep up. So what happened was we got permission to have a phone patch set up on our local repeater.

It is simple if you can not do some thing because your regulations do not warrant it, then change them. If we do not get the rules to bend to our needs then there will be a lot of new developments that will be lost to 100 year old rules!

I hope I have not gone off in a tangent in the wrong direction but I feel I have heard this song sung in a different key before and it does not need to be like that. It is after all just a hobby for all to enjoy.

Peter Black
ZR5DWC
QTH KLOOF KWA-ZULU NATAL
South Africa

266. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 19 Jun 2000 12:22:40 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-91798-2000.06.19-11.26.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 19 Jun 2000, Don DeJarnette wrote:

> Am I missing something something ?
>
> I can't seem to find any instructions for "Program Memory" in either the "G"
> manual or the D7A manual. I have also looked in the menus on the D7A (G).

oops, I am wrong. You can save 3 different profiles for your STATUS
and for your POSITION.   Maybe that is all. Maybe you cannot save
different UNPROTO paths. Bummer.... Yes, I just checked. You will have
to change the PATH everytime you change between Satellites and
TEerrestrial.... :<(

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

267. [htaprs] Re: D7G software?

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Mon, 19 Jun 2000 10:47:45 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91805-2000.06.19-12.51.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 18 Jun 2000, stridr wrote:

> I've received a beta copy of the new software which supports the (G), from
> Kenwood.
>
> I've run Norton Virus Scan on the zipped file, and believe the file to be
> clean. However, when I unzipped it, the .doc file was corrupted. The
> application, MCP-D7G, seems to run ok, but I've yet to check it out
> entirely.

The corrupted .DOC file is the Japanese version of the README. The strange
characters in the filename are the Japanese Kanji. If you rename the file,
and open it in Wordpad, it'll display fine... just in Japanese! :-)

The new D7A(G) programming software currently has numerous limitations and
ommissions, but at least it does allow you to reload all your memory
channels. I've detailed all the ommissions and limitations that I have
found and sent them to Kenwood.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

268. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Mon, 19 Jun 2000 12:53:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-91807-2000.06.19-12.57.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>On Mon, 19 Jun 2000, Don DeJarnette wrote:
>
>> Am I missing something something ?
>>
>> I can't seem to find any instructions for "Program Memory" in either the
"G"
>> manual or the D7A manual. I have also looked in the menus on the D7A (G).
>
>oops, I am wrong. You can save 3 different profiles for your STATUS
>and for your POSITION.   Maybe that is all. Maybe you cannot save
>different UNPROTO paths. Bummer.... Yes, I just checked. You will have
>to change the PATH everytime you change between Satellites and
>TEerrestrial.... :<(

If we could get the satellites to support the alias of RELAY or WIDE, then
things would be so much simpler.

73's,
Tim - N8DEU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

269. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: "Johann Lochner" <lochner@ing.sun.ac.za>
Date: Mon, 19 Jun 2000 21:15:52 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91818-2000.06.19-14.19.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Tim,

> If we could get the satellites to support the alias of RELAY or
> WIDE, then things would be so much simpler.

Amongst other BIG improvements, that option is in the pipeline (after
an earlier suggestion by BB). Now, if we could only get the sun from
messing with our plans! Hold thumbs for your FD. A quick experiment
to coincide with the activities might be forthcoming. If it happens,
I'll let you folks know beforehand.

Kind regards,
Johann, ZR1CBC

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  e-pos: lochner@ing.sun.ac.za
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

270. [htaprs] Re: THD7 (G) version <<>> Garmin GPS III+ problem

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Mon, 19 Jun 2000 14:20:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91819-2000.06.19-14.22.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>

I've lost the capability to receive position data FROM the Streetpilot
(with
the 'G). Again, on the D700, the same GPS works.

Since I've never been able to send waypoints to the GPS (limitation of
Streetpilot), does this waypoint setting (illogically) have any effect
on the
parsing of gps/serial/nmea data by the radio?

-n9ybx

Walter Dunckel wrote:

> Mine works great with the GPSIII. Do you have Waypoint set correctly?
It
> should be set for 6 digit NMEA for the GPSIII. This setting tells the
D7G
> whether to send the data to the GPS, and how many characters the GPS
can
> handle for its waypoint title.
>
> Walter
>
> ----- Original Message -----
> From: "Ralph Fowler" <rwf@bsrg.org>
> Subject: [htaprs] THD7 (G) version <<>> Garmin GPS III+ problem
>
> > So... I thought it was just me- but it isn't.
> >
> > I and two others have noticed that our upgraded THD7A radios no
longer
> > parse the data from the Garmin GPS 3+.
> > The blinking occurs, and it quits when we disconnect the data cable-
so I
> > know the cable is fine.
> >
> > The radio setting we are using is NMEA, not NMEA96, although I tried

> NMEA96
> > too to rule out a command inversion.
> > Both GPS's and cable work fine on my D700.
> >
> > What is wrong with these radios? Is the G version messed up?
> >
> > Ralph
> >
> > ---
> > You are currently subscribed to htaprs as: walterd@radiohound.com
> > To unsubscribe send a blank email to

leave-htaprs-845T@lists.tapr.org
> >
> >
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

271. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 19 Jun 2000 15:58:23 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91823-2000.06.19-15.02.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 19 Jun 2000, Tim Cunningham wrote:

> If we could get the satellites to support the alias of RELAY or WIDE, then
> things would be so much simpler.

Actually, I got sunsat to support APRSAT as a generic name. But now I see
your point. That if we have to constantly change the path in the D7
between terrestrial and satellite use, then we may as well make the
spatellite be WIDE. DOes anyone else see a problem with this?

Or what the heck. Why not relay?... naw... some areas of the country
outlaw that... I think WIDE?

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

272. [htaprs] TH-D7A(G) IS THERE AN E(G)

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Mon, 19 Jun 2000 22:41:15 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91831-2000.06.19-15.49.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi There

I wounder if some one can shed some light on this for me. I have just been
informed by Kenwood South Africa (Trans RSA) that the TH-D7(G) will only be
offered in the US. Does any one know if there is a UE ver of this rig?
(TH-D7E(G))

I am a little unsure how Johann got his two but I do know that they where at
one hell of a price and for not much more you can get the d700A here.

But as the saying goes "if there is a will there is a way!" :-)

I was told that I would never get a d7 here and well I have had one for over
a year new.

Many thanks

Peter
ZR5DWC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

273. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Brian Badger <Brian.Badger@wcom.com>
Date: Mon, 19 Jun 2000 15:12:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91840-2000.06.19-16.16.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,

I don't really see why the satellite config necessarily needs to change.

A mobile user who wishes to toggle back and forth between ground digis and satellites can just leave "WIDE,APRSAT" as the path, right? That way a digi or a sat would digipeat it, if received.

Sure, that's an extra few bytes in every ground packet, and an few extra bytes in every satellite packet, but it's not really that significant. Especially when you consider that we are talking about MIC-E formatted posits, anyway.

In order to survive while mobile through non-WIDEn-n areas, we have to leave it set to "RELAY,WIDE,WIDE3-3" anyway.   The worst path I could see having a legitimate purpose would be "RELAY,WIDE,WIDE3-3,GATE,APRSAT" (That is obviously an extreme example, needed only for I-70 between Denver and Salina KS, where, if you actually hit a digi, it is most probably caused by signal bounce off of an extinction-class asteroid passing through the ionosphere.)

Anyway, I assure all prospective users, that there is a lot of free time to be found driving through western KS, wherein you can change your UNPROTO path, balance your checkbook, complete a 12-step program, revise your will, do your taxes, estimate the amount of shielding required to safely operate at 1500 watts PEP from a rooftop antenna, and take a nap (cruise control equipped vehicles with good alignments, only, please).

--
Brian KC0HIR

Bob Bruninga wrote:

> On Mon, 19 Jun 2000, Tim Cunningham wrote:
>
> > If we could get the satellites to support the alias of RELAY or WIDE, then
> > things would be so much simpler.
>
> Actually, I got sunsat to support APRSAT as a generic name. But now I see
> your point. That if we have to constantly change the path in the D7
> between terrestrial and satellite use, then we may as well make the
> spatellite be WIDE. DOes anyone else see a problem with this?
>
> Or what the heck. Why not relay?... naw... some areas of the country
> outlaw that... I think WIDE?
>
> Bob
>
> ---
> You are currently subscribed to htaprs as: Brian.Badger@wcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

274. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 19 Jun 2000 18:27:27 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91854-2000.06.19-17.31.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 19 Jun 2000, Brian Badger wrote:

> I don't really see why the satellite config necessarily needs to change.
> A mobile user who wishes to toggle back and forth between ground digis and
> satellites can just leave "WIDE,APRSAT" as the path, right? That way a digi
> or a sat would digipeat it, if received.

No, DIGI paths are used in sequence. No match, not digipeat.

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

275. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: "Eric A. Cottrell" <eac@shore.net>
Date: Mon, 19 Jun 2000 19:35:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91867-2000.06.19-19.37.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim Cunningham wrote:
>
> If we could get the satellites to support the alias of RELAY or WIDE, then
> things would be so much simpler.

Hello,

Would the satellite alias be VWIDE for Very WIDE???

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

276. [htaprs] DH-7/PC Cable

From: Robert Michaud <r.michaud@glumac-sf.com>
Date: Mon, 19 Jun 2000 19:43:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91891-2000.06.19-21.47.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

Many of us (including myself) have made our own DH-7/PC serial cable instead
of buying Kenwood's. My ancient 386 computer is quite RF noisy and I made
sure that I had included torroids on each end. Of course the TH-7 didn't
hear a thing with the computer on. I gave up on using my current computer
with the DH-7. That is until I read a posting regarding the addition of R/S
snap on torroid. Well! That sure made the difference! Now I can start
learning how to use APRSdos.

For all newbes and those who had given up hope of using their noisy PC with
the DH-7 and a home brew serial cable try the big R/S torroid, it should do
the trick.

Thanks to whomever suggested the solution!

Robert, KD6INI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

277. [htaprs] Re: ["Eric A. Cottrell"] Re: Fw: Re: ASTARS D7A(G) Memories

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 19 Jun 2000 22:02:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91903-2000.06.19-22.08.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Eric eac@shore.net WB1HBU
>Would the satellite alias be VWIDE for Very WIDE???

We were talking about this today and various people suggested names such
as HEMI, BLANKET, MEGA and GEO. I think the real affect would be closer
to SPEW :-)

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

278. [htaprs] Re: TH-D7A(G) IS THERE AN E(G)

From: "Tom Hoedjes" <al0l@arrl.net>
Date: Tue, 20 Jun 2000 07:05:39 +0200

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91940-2000.06.20-00.13.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Peter ZR5DWC <zr5dwc@iafrica.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Montag, 19. Juni 2000 22:41
Subject: [htaprs] TH-D7A(G) IS THERE AN E(G)

> Hi There
>
> I wounder if some one can shed some light on this for me. I have just been
> informed by Kenwood South Africa (Trans RSA) that the TH-D7(G) will only be
> offered in the US. Does any one know if there is a UE ver of this rig?
> (TH-D7E(G))

Hi,

As far as I know there has not been a G Update for the E type...
The only update for the E type was for DAMA and KISS Use..

For instance the E Version does not accept GPS Data with 4 Decimals.

I wrote Kenwood about it but they have still give no answer on that one...

I think the update for the Version E was not GPS related, just packet...

By the way it seems that the updates are not compatible...Anyway as I took
my 7 with me to the US, Kenwood US told me they could not perform the update for the E
version....

Next time I will buy an A Version because main goal is APRS for me and not as a
replacement for a TNC
which is not to be mend but often used by german hams

It cant replace a tnc but many hams do not accept that and so the 7E got some bad critics
here in Europe.

73 de Tom
HB9DOD AL0L

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

279. [htaprs] Interfacing a PC Keyboard to APRS equipment

From: Darrell Hale <halehome@home.com>
Date: Tue, 20 Jun 2000 02:24:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91950-2000.06.20-01.27.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have seen comments proviously about using a PC keyboard to control various
APRS projects.

The July 2000 issue of Poptronics contains a 7 page article about using AT
style keyboards in a hardware project. The article includes a 68HC705J1A
based demostration circuit with source code available online at:

   ftp://ftp.gernsback.com/pub/pop/pc_keyboard.zip

I have only scanned to article briefly, but it looks like it would be of
interest to those would want to know more about how the PC/AT keyboard works
and ways to use one in a project. So this is a heads-up to go checkout a
copy of the magazine.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

280. [htaprs] Re: Measurements on TH-D7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 20 Jun 2000 08:14:05 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-91964-2000.06.20-07.17.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 18 Jun 2000, Johann Lochner wrote:

> Two TH-D7A(G)'s arrived at the Sunsat control station on Thursday.
> Now we won't have to test new features in the blind any longer :-)
>
> I'm new to this list, but did not find much independent results for
> TH-D7A performance measurements in the archives (like bit error rate
> tests for the modems, etc). Anyone know of results published on the
> Internet?

Here is what I got from Kenwood:

Our target deviation is +/- 2.4kHz as GMSK.
Modulation target is GMSK 0.5 roll off.
When we measure the BER we tune input level of modulation
to 2.4kHz deviation.

On TM-V7, it has 40Hz to 9kHz flat frequency performance.
TM-D700 has 10Hz to 10kHz or more performance.
---

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

281. [htaprs] D700 transmit "problem"

From: Jon Ogden <jono@enteract.com>
Date: Tue, 20 Jun 2000 07:17:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-91966-2000.06.20-07.19.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI guys,

A couple of weeks ago, some folks here were complaining that the TM-D700A
suffers from the same display bug that the original TH-D7A had. That was
that if APRS data was displayed on the screen, pressing push to talk just
cleared the screen, but didn't key the radio.

After hearing all the comments on it, I decided to check it out. I went out
of town for a week so I couldn't report back.

My TM-D700A does NOT suffer the problem people complain about (early model
bought in late December 99). If I am on the MAIN screen and an APRS packet
comes in, pressing the Mic button causes the radio to transmit. I've tried
it on different bands, different settings, etc. It works as it should.

The ONLY time when pushing the PTT button causes the screen to clear is if
you bring up the APRS list or if you are looking at the GPS display or you
are looking at specific APRS data for a station. Then pressing the PTT will
clear the screen and bring you back to the main display page. I don't find
that to be a bug at all. OK, you could let the radio transmit while on the
GPS page. However, it may not be a good idea to allow the PTT to work
"properly" when you are on a display where you cannot see your frequency or
channel number.

Anyhow, my belief is that the radio works fine. Those people having the
"problem" are probably having it because they try to display specific APRS
data and then talk.

Just my thoughts.

73,

Jon
NA9D

Jon Ogden

NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

282. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Brian Badger <Brian.Badger@wcom.com>
Date: Tue, 20 Jun 2000 09:56:32 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92004-2000.06.20-11.01.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

>
> No, DIGI paths are used in sequence. No match, not digipeat.

Bob,

Okay, so I'm a packet newbie. Only one more question: Why? If a station farther down the digi path picks up the packet earlier, there is no good reason why it shouldn't digipeat the packet. It seems that this sort of design could only be expected to maximize the possibility of packet death, by using the maximum possible number of hops and therefore the maximum number of collision opportunities.

Also, it decreases the probability that a given path will work while mobile. This is sort of disturbing, especially out west where there are very few digis, but they are all well placed. I can't expect to have "one of everything in line of sight". If I don't know what alias is used on the only digi I can see, then I'm out of luck.
--
Brian KC0HIR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

283. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 20 Jun 2000 12:35:49 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92013-2000.06.20-11.40.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Jun 2000, Brian Badger wrote:

> > No, DIGI paths are used in sequence. No match, not digipeat.
>
> Okay, so I'm a packet newbie. Only one more question: Why?

Because AX.25 packet was invented 22 years ago and it did not know anything about APRS at the time. At that time all operations were via CONNECTED packet and connections must be done in sequence.

APRS was designed to take advantage of the 200,000 TNC's already in existance. My first proposal for improved digipeeating was called "PREEMPTIVE" digipeating which would would do as you suggest. Accept the callsign anywhere in the path. But none of the 200,000 existing TNC's supported this and no one wrote any new software to implemnet it.
>
> Also, it decreases the probability that a given path will work while mobile. This
> is sort of disturbing, especially out west where there are very few digis, but
> they are all well placed. I can't expect to have "one of everything in line of
> sight". If I don't know what alias is used on the only digi I can see, then I'm
> out of luck.

Thats why EVERY digipeater ALWAYS responds to "WIDE".

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

284. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Brian Badger <Brian.Badger@wcom.com>
Date: Tue, 20 Jun 2000 11:37:51 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-92026-2000.06.20-12.41.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

> ...connections must be done in sequence.

Not true. Perhaps the implementors of AX.25 thought so. Many connected protocols exist that do not require the same path for every packet.

To take this conversation another direction: if APRS isn't driving all new TNC development at this point, what is? I fantasize about new APRS routing modes, such as "route to lat/lon" or "route to gridsquare" where a digi that receives a packet thus encoded will digipeat it if and only if it is closer to the destination lat/lon than the digi that sent the packet. That would obviously require routing tables with posits of all stations which have been received direct. A lot of development...

But if we are of a mindset that "APRS can only work if we design within the limitations of the worst TNC out there" then innovation is very difficult. I'm sure you know the feeling. What we really need is a cheap programmable box with one serial port to build open-source KISS-mode digipeater code for. Make it cheap to connect any KISS TNC to a controller running a common digipeater codebase. Something cheaper, smaller, and easier on the power budget than a full blown PC.

> Thats why EVERY digipeater ALWAYS responds to "WIDE".

Assuming you meant "RELAY", then I'd have to say that I've found some digi's that weren't configured thusly.

--
Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

285. [htaprs] Re: Repair turn arounds on D7A

From: Ab4v@aol.com
Date: Tue, 20 Jun 2000 14:47:15 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92040-2000.06.20-13.51.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My D7A speaker blew (seems to be a common problem) during FD 1999. I sent the radio for warranty repair to the Kenwood East Coast facility via UPS at noon on a Monday. I attached a note describing the problem and the steps I had taken to troubleshoot it. I had no further conversation with Kenwood. The radio arrived, repaired and functional, back at my house on Friday afternoon of the same week.

This has been a very fun, very powerful radio, and the fantastic response time on the repair served to confirm that I made a good choice in purchasing it.

73s,

Blair, AB4V

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

286. [htaprs] RE: D700 transmit "problem"

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 20 Jun 2000 14:11:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92048-2000.06.20-14.19.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon,

from message sent 2/14/00, notice this was four months ago.It was a early
production radio. This has nothing to do with displays of APRS data.

 I hate to report that I have discovered a problem with my D700.

  Here is the failure mode:

   The APRS beacon is transmitting on the "B" radio. At the same time I key
the Mic to talk on the "A" radio, At this point all is well the packet data
goes out the "B" radio just fine. When it is finished transmitting the "A"
transmitter keys up (I still have the Mic key down) and I am talking into
the Mic. Users on the repeater tell me that all they heard was a dead
carrier. I have to wait until the transmitter is done on the "B" side then
key the "A" side to be heard. When you are driving it is not possible to
look at the radio to see if the "B" transmitter is active, so many times I
transmit dead air.

  Any one else see this problem .

    Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
Any time a fusion device sayeth, "Let there be light." bad things happen.
>From the movie "Dark Star".

> -----Original Message-----
> From: Jon Ogden [SMTP:jono@enteract.com]
> Sent: Tuesday, June 20, 2000 7:17 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] D700 transmit "problem"
>
> HI guys,
>
> A couple of weeks ago, some folks here were complaining that the TM-D700A
> suffers from the same display bug that the original TH-D7A had. That was
> that if APRS data was displayed on the screen, pressing push to talk just
> cleared the screen, but didn't key the radio.
>
> After hearing all the comments on it, I decided to check it out. I went
> out
> of town for a week so I couldn't report back.
>
> My TM-D700A does NOT suffer the problem people complain about (early model
> bought in late December 99). If I am on the MAIN screen and an APRS
> packet
> comes in, pressing the Mic button causes the radio to transmit. I've
> tried
> it on different bands, different settings, etc. It works as it should.
>
> The ONLY time when pushing the PTT button causes the screen to clear is if
> you bring up the APRS list or if you are looking at the GPS display or you
> are looking at specific APRS data for a station. Then pressing the PTT
> will
> clear the screen and bring you back to the main display page. I don't
> find
> that to be a bug at all. OK, you could let the radio transmit while on
> the
> GPS page. However, it may not be a good idea to allow the PTT to work
> "properly" when you are on a display where you cannot see your frequency

> or
> channel number.
>
> Anyhow, my belief is that the radio works fine. Those people having the
> "problem" are probably having it because they try to display specific APRS
> data and then talk.
>
> Just my thoughts.
>
> 73,
>
> Jon
> NA9D
>
> -------------------------------------
> Jon Ogden
> NA9D (ex: KE9NA)
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

287. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 20 Jun 2000 15:56:18 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92050-2000.06.20-14.59.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Jun 2000, Brian Badger wrote:

> > Thats why EVERY digipeater ALWAYS responds to "WIDE".
>
> Assuming you meant "RELAY", then I'd have to say that I've found some
> digi's that weren't configured thusly.

No I meant WIDE. When I use the term digipeater here I am referring
to devices with wide area coverage.   Conversly every APRS STATION, should
by default, respond to RELAY and DIGIPEATERS in this context are just a
subset of "all" stations.

There are always exceptions. I am talking about general defaults. I
think SOuthern California is experimenting with the concept of disabling
"WIDE" for the purpose of forcing users to begin using the more
advantrages WIDEn-N process.   And where stations coexist in the same
general area, only one of them needs to serve as a RELAY for nearby
mobiles or handhelds.

Hope that helps.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

288. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: David VanHorn <dvanhorn@cedar.net>
Date: Tue, 20 Jun 2000 15:11:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92052-2000.06.20-15.17.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>No I meant WIDE. When I use the term digipeater here I am referring
>to devices with wide area coverage.   Conversly every APRS STATION, should
>by default, respond to RELAY and DIGIPEATERS in this context are just a

>subset of "all" stations.

Is that what you really meant??
Certainly all wide digis should respond to relay and wide, but I don't
think you want stations in close to a digi responding to relay.

--

www.SpamWhack.com A pre-emptive strike against spam

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

289. [htaprs] Re: Fw: Re: ASTARS D7A(G) Memories

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 20 Jun 2000 17:16:58 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92057-2000.06.20-16.21.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Jun 2000, David VanHorn wrote:

> >No I meant WIDE. When I use the term digipeater here I am referring
> >to devices with wide area coverage.   Conversly every APRS STATION, should
> >by default, respond to RELAY and DIGIPEATERS in this context are just a
> >subset of "all" stations.
>
> Is that what you really meant??
> Certainly all wide digis should respond to relay and wide, but I don't
> think you want stations in close to a digi responding to relay.

It doesnt matter. If they respond, they do so at the SAME time as the
DIGI, and so noone hears them. Fratracide is intended as part of the
dupe-elimination process. Even if local QRM delays one of the packets
long enough to be delayed further by CSMA, then still a smart DIGI will
not relay it a second time because of DUPE elimination...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

290. [htaprs] TH-D7(G) Won't Scan VHF+UHF

From: "hasan schiers" <schiers@netins.net>
Date: Tue, 20 Jun 2000 19:12:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92075-2000.06.20-19.16.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got mey D7G. I have band A as data. I'm trying to program memories to
scan. No matter what I do, I cannot get band A to accept 440 freq. I can get
them into band B. When I try to scan memories, I have to change bands to see
any of the 440 freqs (memorized) scanned. That seems very strange and
doesn't work at all like my D700.

What am I doing wrong? Or am I up against a "feature" that I don't
understand.

As things sit now, I can see 2m memories in either band A or band B. I can
only see 440 on band B. When I scan B, I get only the 2m freq, unless I use
(F)unction Band first...and then I only scan the 440 freq. (This is all
referring to freqs that I have memorized. I've been through the manual
several times and I see no reference to being only able to scan either VHF
or UHF,but not both, as happens in the D700.

Help, please!

Otherwise the radio is doing nicely, esp on 144.39 aprs.

This is the brand new G model with latest firmware that was featured at
Dayton. (Although I got it from a dealer and it came with the supplimental G
manual features)...in other words this is not a modified radio, but one of

the first new "G" models to show up.

Thanks in advance, 73

hasan schiers
schiers@netins.net
N0AN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

291. [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

From: "Walter Dunckel" <walter@radiohound.com>
Date: Tue, 20 Jun 2000 17:40:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92077-2000.06.20-19.43.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Band A will only accept 2meter or aircraft band. Band B will only accept 440
or 144-148. You are not doing anything wrong, this is how both the D7A and
D7G function.

You can scan both bands, but it involves some extra steps. First you need to
be in Dual band mode. You will have to hold down VFO or MR on one band until
it starts scanning, then switch to the other band, and hold down VFO or MR
until it starts scanning.

Not sure how this compares to the TM-D700 - don't own one .... yet

Enjoy,

Walter

----- Original Message -----
From: "hasan schiers" <schiers@netins.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, June 20, 2000 5:12 PM
Subject: [htaprs] TH-D7(G) Won't Scan VHF+UHF

> I just got mey D7G. I have band A as data. I'm trying to program memories
to
> scan. No matter what I do, I cannot get band A to accept 440 freq. I can
get
> them into band B. When I try to scan memories, I have to change bands to
see
> any of the 440 freqs (memorized) scanned. That seems very strange and
> doesn't work at all like my D700.
>
> What am I doing wrong? Or am I up against a "feature" that I don't
> understand.
>
> As things sit now, I can see 2m memories in either band A or band B. I can
> only see 440 on band B. When I scan B, I get only the 2m freq, unless I
use
> (F)unction Band first...and then I only scan the 440 freq. (This is all
> referring to freqs that I have memorized. I've been through the manual
> several times and I see no reference to being only able to scan either VHF
> or UHF,but not both, as happens in the D700.
>
> Help, please!
>
> Otherwise the radio is doing nicely, esp on 144.39 aprs.
>
> This is the brand new G model with latest firmware that was featured at
> Dayton. (Although I got it from a dealer and it came with the supplimental
G
> manual features)...in other words this is not a modified radio, but one of
> the first new "G" models to show up.
>
> Thanks in advance, 73
>
> hasan schiers
> schiers@netins.net
> N0AN

>
>
>
>
> ---
> You are currently subscribed to htaprs as: walterd@radiohound.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

292. [htaprs] RE: D700 transmit "problem"

From: Jon Ogden <jono@enteract.com>
Date: Tue, 20 Jun 2000 19:53:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92078-2000.06.20-19.54.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/20/00 2:11 PM, Hazen, Dwight L at hazen@indiana.edu wrote:

> The APRS beacon is transmitting on the "B" radio. At the same time I key
> the Mic to talk on the "A" radio, At this point all is well the packet data
> goes out the "B" radio just fine. When it is finished transmitting the "A"
> transmitter keys up (I still have the Mic key down) and I am talking into
> the Mic. Users on the repeater tell me that all they heard was a dead
> carrier. I have to wait until the transmitter is done on the "B" side then
> key the "A" side to be heard. When you are driving it is not possible to
> look at the radio to see if the "B" transmitter is active, so many times I
> transmit dead air.
>
> Any one else see this problem .

Dwight,

You've brought this up before. But I see it as quite statistically
insignificant. The odds of the TNC transmitting and you transmitting
simultaneously are very small. Additionally, the packet TX burst is so
short, it makes the collision of the two occurrences even less likely. I
don't think I've ever keyed up in the way you describe.

It doesn't mean there is a problem with the code or hardware of the radio.
I think it just doesn't happen often. You seem to be the only one who has
reported it and no one else to my knowledge has noticed it. I would call it
a very slight annoyance, the probability of which happening is very small.

I don't mean to be offensive in any way. I just don't see it happening very
often at all.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

293. [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

From: Jon Ogden <jono@enteract.com>
Date: Tue, 20 Jun 2000 19:55:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92079-2000.06.20-19.56.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/20/00 7:40 PM, Walter Dunckel at walter@radiohound.com wrote:

> Band A will only accept 2meter or aircraft band. Band B will only accept 440
> or 144-148. You are not doing anything wrong, this is how both the D7A and
> D7G function.
>
> You can scan both bands, but it involves some extra steps. First you need to
> be in Dual band mode. You will have to hold down VFO or MR on one band until
> it starts scanning, then switch to the other band, and hold down VFO or MR
> until it starts scanning.
>
> Not sure how this compares to the TM-D700 - don't own one .... yet

The TM-D700A is similar as well. Band A will receive aircraft through
around 220 MHz and 440 MHz. Band B will RX, 2 meters and then 300 through
1296 or so. Something like that!

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

294. [htaprs] Re: THD7 (G) version <<>> Garmin GPS III+ problem

From: Ralph Fowler <rwf@bsrg.org>
Date: Tue, 20 Jun 2000 20:51:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92080-2000.06.20-19.57.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Same problem I have, but with the III+.
Someone else suggested turning plugging in the GPS and turning it on first,
then turning on the radio.
This stinks!
A firmware upgrade that puts us almost back where we were with the ORIGINAL
low serial numbered D7s.

At 02:20 PM 06/19/2000 -0500, you wrote:
> >
>
>I've lost the capability to receive position data FROM the Streetpilot
>(with
>the 'G). Again, on the D700, the same GPS works.
>
>Since I've never been able to send waypoints to the GPS (limitation of
>Streetpilot), does this waypoint setting (illogically) have any effect
>on the
>parsing of gps/serial/nmea data by the radio?
>
>
>-n9ybx

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

295. [htaprs] Re: THD7 (G) version <<>> Garmin GPS III+ problem

From: Ralph Fowler <rwf@bsrg.org>
Date: Tue, 20 Jun 2000 20:52:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92081-2000.06.20-19.57.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, but this problem has nothing to do with waypoints. This is
receiving position data FROM the GPS.

At 10:33 AM 06/19/2000 +0000, you wrote:
>On 06/19/00, ""Walter Dunckel" <walter@radiohound.com>" wrote:
> > Mine works great with the GPSIII. Do you have Waypoint set correctly? It
> > should be set for 6 digit NMEA for the GPSIII. This setting tells the D7G
> > whether to send the data to the GPS, and how many characters the GPS can
> > handle for its waypoint title.
> >
> > Walter
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

296. [htaprs] ANOTHER TRIP

From: Jon Ogden <jono@enteract.com>
Date: Tue, 20 Jun 2000 19:56:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92082-2000.06.20-19.58.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK guys,

I am going on another trip.

I'll be arriving at BWI around midnight. Be heading a short distance to
hotel. Then tomorrow it'll be off to Adamstown, MD. Then back to BWI and
home around 5:15 PM. Short sweet and to the point.

Those in the Baltimore/Washington area keep a lookout for my Icon: NA9D-2.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

297. [htaprs] aprs kenwood tm-241-a

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 20 Jun 2000 18:23:02 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92085-2000.06.20-20.24.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

my kenwood tm-241 power output ic died, ran it on low power with tnc for a
few years...the ic is a toshiba   S-AV17

anyone else have one crap out and did you fix it?

the ic at rf parts is $68.00

73
find me on a map!   go to   http://maps.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

298. [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Tue, 20 Jun 2000 21:32:24
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92097-2000.06.20-21.36.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is the brand new G model with latest firmware that was featured at
Dayton. (Although I got it from a dealer and it came
with the supplimental G
manual features)...in other words this is not a modified
radio, but one of
the first new "G" models to show up.

About 1 week ago, I spoke with Kenwood on the phone about the issue of new D7 G models coming from the Kenwood factory in Japan, as opposed to D7 upgraded in the field G models that Kenwood has in its inventory on hand in their So Cal wharehouse. Kenwwod told me that they will take their D7 stock on hand and do the mods (as described here previously by Bob Bruninga) to covert/upgrade their new stock on hand to the G series. I was concerned about dealers returning their D7 non G-models that they have as inventory on hand and getting them converted by Kenwood So Cal, as opposed to waiting and getting a G model that was born that way from the factory. From my conversation with Kenwood, they will convert dealers' new radios to G models, so that there is no way to tell if you have a D7 G model that was held by a dealer as new inventory, shipped to Kenwood So Cal, converted to a G series and sold as a G, as opposed to Kenwoods' radios on hand in their inventory that they convert to G models and ship to the dealer network. No matter what, you get a brand new, unused radio, but it has been opened up and converted to a G model. By the way, I agree with Kenwood entirely that in all cases I have mentioned, these are brand new, unused radios. But that is not my point here.

The Kenwood gentleman that I spoke with on the phone told me that he estimates it will be July (or possibley later) before they run out of pre-G models stock on hand in their Kenwood So Cal wharehouse that they will convert to G series. At some point in July (according to his estimate), they will eventually start receiving G models from the factory that were born as G models, as opposed to being born as the previous model and then converted/upgraded. In the meantime, they will take their new D7s (albeit the previous software versions) and open them up (just like they are modding customers' radios) and do the extensive mod conversion. These will then be full-blown G models, but they are converted/modified (albeit certainly new radios), as opposed to being born as a G radio from the "get go" at the factory.

My personal preference and choice is that I am going to wait until Kenwood starts recieving G models from Japan. Like a fine wrist watch, when you open up a portable radio and do the major heart surgery that Bob previously described here (I think he referred to it as "non-trivial"), my personal opinion and preference is to get a unit that has never been opened up, manually soldered on in the field, etc. Only if a unit fails and I am into an out of warranty repair do I like to have my radios opened up.

Just my personal preference, as I'm absolutely sure that Kenwood's mods are just as good as the units that will eventually start shipping as G models from factory birth. Would not even have mentioned this, but it appeared that this gentleman thought he had a unit that was born a G model from Japan. From what Kenwood told me on the phone last week, I don't think this can quite yet be the case.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

299. [htaprs] RE: D700 transmit "problem"

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 20 Jun 2000 22:25:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92106-2000.06.20-22.33.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon,

It happens to me all the time.. When I am driving to and from work the APRS is beaconing ever 2 min. So the chance of the transmitter being on when I key the mic is great (even greater if you happen to have digi turned on!). Everyone on the repeater has figured it out now when they hear a dead carrier instead of my voice. You can test this for your self if you have a d7 . just beacon the d7 have the d700 in digi as soon as you see the d700 transmit key your mic and listen to your voice on a 2m meter voice channel you will hear no audio just a dead carrier. Un-key the mic and re-key and your voice will come out the ht as it should. "B" is APRS "A" radio is a 2m voice frequency say 146.52 for our test.

I just went out to the truck and made the test as above and it works as I said.. BUT if I switch the APRS to the "A" radio and voice on the "B" radio then the dead audio problem goes away! So this may be the reason why some people do not seen this problem!

So is everyone but me running APRS on the "A" radio? Guess I had better change the radio around..

No offence taken, thanks for making me take the time to switch the A, B radios to see if it made any difference. (I still think it's a bug in the firmware though).

Dwight

-----Original Message-----
From: Jon Ogden [mailto:jono@enteract.com]
Sent: Tuesday, June 20, 2000 7:54 PM
To: Hazen, Dwight L; TAPR Hot Technology APRS
Subject: Re: [htaprs] RE: D700 transmit "problem"

on 6/20/00 2:11 PM, Hazen, Dwight L at hazen@indiana.edu wrote:

> The APRS beacon is transmitting on the "B" radio. At the same time I key
> the Mic to talk on the "A" radio, At this point all is well the packet
data
> goes out the "B" radio just fine. When it is finished transmitting the "A"
> transmitter keys up (I still have the Mic key down) and I am talking into
> the Mic. Users on the repeater tell me that all they heard was a dead
> carrier. I have to wait until the transmitter is done on the "B" side then
> key the "A" side to be heard. When you are driving it is not possible to
> look at the radio to see if the "B" transmitter is active, so many times I
> transmit dead air.
>
> Any one else see this problem .

Dwight,

You've brought this up before. But I see it as quite statistically insignificant. The odds of the TNC transmitting and you transmitting simultaneously are very small. Additionally, the packet TX burst is so short, it makes the collision of the two occurrences even less likely. I don't think I've ever keyed up in the way you describe.

It doesn't mean there is a problem with the code or hardware of the radio. I think it just doesn't happen often. You seem to be the only one who has reported it and no one else to my knowledge has noticed it. I would call it a very slight annoyance, the probability of which happening is very small.

I don't mean to be offensive in any way. I just don't see it happening very often at all.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

300. [htaprs] Continued GPS and 'G woes...

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Wed, 21 Jun 2000 00:04:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92124-2000.06.21-00.02.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To date, I've tried ferrite chokes, floating the ground, flipping rx and
tx (to the wrong configuration) on my cable, new cables, settings, etc.
between my new D7G and GPS.   This was the same cabling & gps that
worked fine on my D700.

Anyone having luck with a 'G and Garmin GPS's?   Is your 'G from a
dealer or upgrade?

Writing an email to kenwood now,

-n9ybx

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

301. [htaprs] Re: Continued GPS and 'G woes...

From: "Walter Dunckel" <walter@radiohound.com>
Date: Tue, 20 Jun 2000 22:22:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92126-2000.06.21-00.26.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Garmin GPSIII (not a + model) works fine with my TH-D7G in both
directions . As far as I know, a G is a G..... mine is an upgrade.

Walter

----- Original Message -----
From: "Ryan K. Brooks" <ryan@inc.net>
Sent: Tuesday, June 20, 2000 10:04 PM
Subject: [htaprs] Continued GPS and 'G woes...

> To date, I've tried ferrite chokes, floating the ground, flipping rx and
> tx (to the wrong configuration) on my cable, new cables, settings, etc.
> between my new D7G and GPS.   This was the same cabling & gps that
> worked fine on my D700.
>
> Anyone having luck with a 'G and Garmin GPS's?   Is your 'G from a
> dealer or upgrade?
>
> Writing an email to kenwood now,
>
> -n9ybx

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

302. [htaprs] Re: DH-7/PC Cable

From: Carl <carl_mail@dr.com>
Date: Wed, 21 Jun 2000 07:19:24 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-92139-2000.06.21-01.33.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> For all newbes and those who had given up hope of using their noisy PC with
> the DH-7 and a home brew serial cable try the big R/S torroid, it should do
> the trick.
>
> Thanks to whomever suggested the solution!

Seconded! I made a very long lead which was useless for hooking to a psion3a

until I shortened it a lot by wrapping it round a toroid. :) Bingo!

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

303. [htaprs] Re: Continued GPS and 'G woes...

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 21 Jun 2000 02:34:39 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92140-2000.06.21-01.36.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Anyone having luck with a 'G and Garmin GPS's?   Is your 'G from a
> dealer or upgrade?

Yes. I have two upgraded G models - both work with my GPS III (not +).

There was one time (before the G upgrade) that the D7 refused to see the
data coming from the GPS. I'd get the flashing decimal points, but no
position. I ended up doing a _full reset_ of the D7, and that cured the
woes.

I don't know if this would matter, but had the GPS acquired a position when
you made your diagnosis? The behavior as to what constitutes a "valid GPS
position" may have changed a little with the upgrade.

Good luck!

73

   -Rob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

304. [htaprs] Re: Continued GPS and 'G woes...

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Wed, 21 Jun 2000 01:54:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92143-2000.06.21-01.52.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> There was one time (before the G upgrade) that the D7 refused to see the
> data coming from the GPS. I'd get the flashing decimal points, but no
> position. I ended up doing a _full reset_ of the D7, and that cured the
> woes.
>

Hmm... I'll try that next.   It wasn't on my list since I've only had it for a
few days.

>
> I don't know if this would matter, but had the GPS acquired a position when
> you made your diagnosis? The behavior as to what constitutes a "valid GPS
> position" may have changed a little with the upgrade.
>

I'm sure I've got a decent lock.

Thanks,

n9ybx

>
> Good luck!
>
> 73
>
>   -Rob
>

> ---
> You are currently subscribed to htaprs as: ryan@inc.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

305. [htaprs] Re: Continued GPS and 'G woes...

From: "bob" <w2g3zfj@unix.asb.com>
Date: Wed, 21 Jun 2000 07:33:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92156-2000.06.21-06.32.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ryan

I had a similar issue with my D7A(G) and my GPSIII+. The display would be
'flashing' indicating that it was getting data but it all stayed at zero's.
I found that by switching the D7' off and on whilst the GPS was connected
fixed it OK.

I also had a problem with sending waypoints to the GPS, however, much to my
chagrin, this turned out to be an intermittent connection on the pfranc
connector! Bussed out OK when I disconnected it but everytime I plugged it
in, no dice, took it apart and it was a poor joint due to that very thin
cable from Kenwood.

Tried it out last night on a run with the GPS and everything works fine.

73 de bob
w2/g3zfj

-----Original Message-----
From: Ryan K. Brooks <ryan@inc.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Wednesday, June 21, 2000 00:49
Subject: [htaprs] Continued GPS and 'G woes...

>To date, I've tried ferrite chokes, floating the ground, flipping rx and
>tx (to the wrong configuration) on my cable, new cables, settings, etc.
>between my new D7G and GPS.   This was the same cabling & gps that
>worked fine on my D700.
>
>Anyone having luck with a 'G and Garmin GPS's?   Is your 'G from a
>dealer or upgrade?
>
>Writing an email to kenwood now,
>
>-n9ybx
>
>
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

306. [htaprs] RE: D700 transmit "problem"

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 21 Jun 2000 08:26:56 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92165-2000.06.21-07.31.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Jun 2000, Hazen, Dwight L wrote:

> So is everyone but me running APRS on the "A" radio? Guess I had better
> change the radio around..

Yes, I think the A radio is optimized for 2 meters and the B radio is
optimized for UHF. So I never even thought about running APRS on the B
side..

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

307. [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 21 Jun 2000 07:57:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92168-2000.06.21-08.06.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Jon....however, the D700 has what appears to be ONE large memory
band, so if you have memory channels programmed, no matter which "side" you
programmed them on and then do a memory recall and scan, it scans ALL
memorized channels.

As the other fellow pointed out, there are additional steps one has to go
through to get the D7A(g) to do the same thing. I haven't tried his
suggestion yet, but will look at it.

73

hasan schiers, N0AN
schiers@netins.net

----- Original Message -----
From: Jon Ogden <jono@enteract.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, June 20, 2000 7:55 PM
Subject: [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

> on 6/20/00 7:40 PM, Walter Dunckel at walter@radiohound.com wrote:
>
> > Band A will only accept 2meter or aircraft band. Band B will only accept
440
> > or 144-148. You are not doing anything wrong, this is how both the D7A
and
> > D7G function.
> >
> > You can scan both bands, but it involves some extra steps. First you
need to
> > be in Dual band mode. You will have to hold down VFO or MR on one band
until
> > it starts scanning, then switch to the other band, and hold down VFO or
MR
> > until it starts scanning.
> >
> > Not sure how this compares to the TM-D700 - don't own one .... yet
>
> The TM-D700A is similar as well. Band A will receive aircraft through
> around 220 MHz and 440 MHz. Band B will RX, 2 meters and then 300 through
> 1296 or so. Something like that!
>
> 73,
>
> Jon
> NA9D
>
> -------------------------------------
> Jon Ogden
> NA9D (ex: KE9NA)
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

308. [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 21 Jun 2000 08:02:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92169-2000.06.21-08.06.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Larry Zanella <larry.zanella@attws.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, June 20, 2000 9:32 PM
Subject: [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

hasan wrote:

> This is the brand new G model with latest firmware that was featured at
> Dayton. (Although I got it from a dealer and it came
> with the supplimental G
> manual features)...in other words this is not a
modified
> radio, but one of
> the first new "G" models to show up.
>
>

Larry replied:

> Just my personal preference, as I'm absolutely sure that Kenwood's mods
are
> just as good as the units that will eventually start shipping as G models
> from factory birth. Would not even have mentioned this, but it appeared
> that this gentleman thought he had a unit that was born a G model from
> Japan. From what Kenwood told me on the phone last week, I don't think
this
> can quite yet be the case.
>

hasan replies: (I'm almost never referred to as "this gentleman")

It wouldn't surprise me at all that the radio did not come from Japan
already modified, I guess. Thanks for the info. My goal was to receive a
radio that I would not have to immediately mail back to KW to get modified
and that goal was reached. Your goal is even loftier than mine (and you are
more patient), and I appreciate that perpective.

Thanks so much for your observation.

hasan schiers, N0AN
schiers@netins.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

309. [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 21 Jun 2000 07:58:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92170-2000.06.21-08.06.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, I'll try that...the D700 works differently in that once a frq is in
memory, it doesn't matter what it was, when memory scanning ALL memorized
frq are scanned no matter what "side" they were programmed on. I'll try the
dual trick when I get a few minutes. 73

hasan schiers, N0AN
schiers@netins.net

----- Original Message -----
From: Walter Dunckel <walter@radiohound.com>

To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, June 20, 2000 7:40 PM
Subject: [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

> Band A will only accept 2meter or aircraft band. Band B will only accept
440
> or 144-148. You are not doing anything wrong, this is how both the D7A and
> D7G function.
>
> You can scan both bands, but it involves some extra steps. First you need
to
> be in Dual band mode. You will have to hold down VFO or MR on one band
until
> it starts scanning, then switch to the other band, and hold down VFO or MR
> until it starts scanning.
>
> Not sure how this compares to the TM-D700 - don't own one .... yet
>
> Enjoy,
>
> Walter
>
> ----- Original Message -----
> From: "hasan schiers" <schiers@netins.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Tuesday, June 20, 2000 5:12 PM
> Subject: [htaprs] TH-D7(G) Won't Scan VHF+UHF
>
>
> > I just got mey D7G. I have band A as data. I'm trying to program
memories
> to
> > scan. No matter what I do, I cannot get band A to accept 440 freq. I can
> get
> > them into band B. When I try to scan memories, I have to change bands to
> see
> > any of the 440 freqs (memorized) scanned. That seems very strange and
> > doesn't work at all like my D700.
> >
> > What am I doing wrong? Or am I up against a "feature" that I don't
> > understand.
> >
> > As things sit now, I can see 2m memories in either band A or band B. I
can
> > only see 440 on band B. When I scan B, I get only the 2m freq, unless I
> use
> > (F)unction Band first...and then I only scan the 440 freq. (This is all
> > referring to freqs that I have memorized. I've been through the manual
> > several times and I see no reference to being only able to scan either
VHF
> > or UHF,but not both, as happens in the D700.
> >
> > Help, please!
> >
> > Otherwise the radio is doing nicely, esp on 144.39 aprs.
> >
> > This is the brand new G model with latest firmware that was featured at
> > Dayton. (Although I got it from a dealer and it came with the
supplimental
> G
> > manual features)...in other words this is not a modified radio, but one
of
> > the first new "G" models to show up.
> >
> > Thanks in advance, 73
> >
> > hasan schiers
> > schiers@netins.net
> > N0AN
> >
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: walterd@radiohound.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >

>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

310. [htaprs] RE: D700 transmit "problem"

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 21 Jun 2000 09:23:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92176-2000.06.21-08.27.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two minutes sounds too frequent. I don't have my doumentation with me, so I
can't quote this directly. If I remember, the the proper transmission
interval should be more like 10 minutes, otherwise you will flood the net.

Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Hazen, Dwight L
Sent: Tuesday, June 20, 2000 11:25 PM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] RE: D700 transmit "problem"

Jon,

 It happens to me all the time.. When I am driving to and from work the APRS
is beaconing ever 2 min. So the chance of the transmitter being on when I
key the mic is great (even greater if you happen to have digi turned on!).
Everyone on the repeater has figured it out now when they hear a dead
carrier instead of my voice. You can test this for your self if you have a
d7 . just beacon the d7 have the d700 in digi as soon as you see the d700
transmit key your mic and listen to your voice on a 2m meter voice channel
you will hear no audio just a dead carrier. Un-key the mic and re-key and
your voice will come out the ht as it should. "B" is APRS "A" radio is a 2m
voice frequency say 146.52 for our test.

I just went out to the truck and made the test as above and it works as I
said.. BUT if I switch the APRS to the "A" radio and voice on the "B" radio
then the dead audio problem goes away! So this may be the reason why some
people do not seen this problem!

 So is everyone but me running APRS on the "A" radio? Guess I had better
change the radio around..

 No offence taken, thanks for making me take the time to switch the A, B
radios to see if it made any difference. (I still think it's a bug in the
firmware though).

  Dwight

-----Original Message-----
From: Jon Ogden [mailto:jono@enteract.com]
Sent: Tuesday, June 20, 2000 7:54 PM
To: Hazen, Dwight L; TAPR Hot Technology APRS
Subject: Re: [htaprs] RE: D700 transmit "problem"

on 6/20/00 2:11 PM, Hazen, Dwight L at hazen@indiana.edu wrote:

> The APRS beacon is transmitting on the "B" radio. At the same time I key
> the Mic to talk on the "A" radio, At this point all is well the packet
data
> goes out the "B" radio just fine. When it is finished transmitting the "A"
> transmitter keys up (I still have the Mic key down) and I am talking into
> the Mic. Users on the repeater tell me that all they heard was a dead
> carrier. I have to wait until the transmitter is done on the "B" side then
> key the "A" side to be heard. When you are driving it is not possible to
> look at the radio to see if the "B" transmitter is active, so many times I

> transmit dead air.
>
> Any one else see this problem .

Dwight,

You've brought this up before. But I see it as quite statistically
insignificant. The odds of the TNC transmitting and you transmitting
simultaneously are very small. Additionally, the packet TX burst is so
short, it makes the collision of the two occurrences even less likely. I
don't think I've ever keyed up in the way you describe.

It doesn't mean there is a problem with the code or hardware of the radio.
I think it just doesn't happen often. You seem to be the only one who has
reported it and no one else to my knowledge has noticed it. I would call it
a very slight annoyance, the probability of which happening is very small.

I don't mean to be offensive in any way. I just don't see it happening very
often at all.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

311. [htaprs] RE: D700 transmit "problem"

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Wed, 21 Jun 2000 10:08:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92190-2000.06.21-09.12.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know about 10 minutes, but adjust that to whatever your local
frequency can handle. I run APRS on the A side, for the reason stated that
the "filters" appear to work better on that VFO. Occasionally I run on the B
side, when I want to use the wide band capabilities to listen to 220 on the
A side. But usually I don't transmit while in this configuration. So unless
there is a reason to be on the B side, ie need the VHF wide band receive,
then move it over. I'll see if I can replicate your problem, I agree it
sounds like a bug.

Dennis, N2LBT

> From: "Richard Carter" <rich.carter@windriver.com>
> Date: Wed, 21 Jun 2000 09:23:54 -0400
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Subject: [htaprs] RE: D700 transmit "problem"
>
> Two minutes sounds too frequent. I don't have my doumentation with me, so I
> can't quote this directly. If I remember, the the proper transmission
> interval should be more like 10 minutes, otherwise you will flood the net.
>
> Rich - KE1EV
>
> -----Original Message-----
> From: bounce-htaprs-14533@lists.tapr.org
> [mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Hazen, Dwight L
> Sent: Tuesday, June 20, 2000 11:25 PM

> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] RE: D700 transmit "problem"
>
>
> Jon,
>
> It happens to me all the time.. When I am driving to and from work the APRS
> is beaconing ever 2 min. So the chance of the transmitter being on when I
> key the mic is great (even greater if you happen to have digi turned on!).
> Everyone on the repeater has figured it out now when they hear a dead
> carrier instead of my voice. You can test this for your self if you have a
> d7 . just beacon the d7 have the d700 in digi as soon as you see the d700
> transmit key your mic and listen to your voice on a 2m meter voice channel
> you will hear no audio just a dead carrier. Un-key the mic and re-key and
> your voice will come out the ht as it should. "B" is APRS "A" radio is a 2m
> voice frequency say 146.52 for our test.
>
> I just went out to the truck and made the test as above and it works as I
> said.. BUT if I switch the APRS to the "A" radio and voice on the "B" radio
> then the dead audio problem goes away! So this may be the reason why some
> people do not seen this problem!
>
> So is everyone but me running APRS on the "A" radio? Guess I had better
> change the radio around..
>
> No offence taken, thanks for making me take the time to switch the A, B
> radios to see if it made any difference. (I still think it's a bug in the
> firmware though).
>
> Dwight
>
> -----Original Message-----
> From: Jon Ogden [mailto:jono@enteract.com]
> Sent: Tuesday, June 20, 2000 7:54 PM
> To: Hazen, Dwight L; TAPR Hot Technology APRS
> Subject: Re: [htaprs] RE: D700 transmit "problem"
>
>
> on 6/20/00 2:11 PM, Hazen, Dwight L at hazen@indiana.edu wrote:
>
>> The APRS beacon is transmitting on the "B" radio. At the same time I key
>> the Mic to talk on the "A" radio, At this point all is well the packet
> data
>> goes out the "B" radio just fine. When it is finished transmitting the "A"
>> transmitter keys up (I still have the Mic key down) and I am talking into
>> the Mic. Users on the repeater tell me that all they heard was a dead
>> carrier. I have to wait until the transmitter is done on the "B" side then
>> key the "A" side to be heard. When you are driving it is not possible to
>> look at the radio to see if the "B" transmitter is active, so many times I
>> transmit dead air.
>>
>> Any one else see this problem .
>
> Dwight,
>
> You've brought this up before. But I see it as quite statistically
> insignificant. The odds of the TNC transmitting and you transmitting
> simultaneously are very small. Additionally, the packet TX burst is so
> short, it makes the collision of the two occurrences even less likely. I
> don't think I've ever keyed up in the way you describe.
>
> It doesn't mean there is a problem with the code or hardware of the radio.
> I think it just doesn't happen often. You seem to be the only one who has
> reported it and no one else to my knowledge has noticed it. I would call it
> a very slight annoyance, the probability of which happening is very small.
>
> I don't mean to be offensive in any way. I just don't see it happening very
> often at all.
>
> 73,
>
> Jon
> NA9D
>
> ------------------------------------
> Jon Ogden
> NA9D (ex: KE9NA)
>

> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
> ---
> You are currently subscribed to htaprs as: rcarter@isi.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
> ---
> You are currently subscribed to htaprs as: n2lbt@n2lbt.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

312. [htaprs] ACK Received

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Wed, 21 Jun 2000 09:53:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92195-2000.06.21-09.57.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Maybe I'm showing my ingnorance, but there is something happening that is perplexing. A friend of mine and I are sending packets back and forth on APRS. I am using WinAPRS 2.4.7 with my IC-821 and Paccomm NB96. He is using his D7G. That's the setup, here's the problem: after we send the packet and it is ack'd, the sending station continues to send the packet. Is this normal? I thought after the packet was ack'd, that was the end of it. I got a response last night, four times - it was ack'd the first time, but just kept coming. I'm also seeing stuff like ackK, ackL, etc. Any idea what those are?

Tnx es 73,

Joel B. Black, K2SAT
AMSAT.....32589
AMSAT Local Area Coordinator
k2sat@amsat.org
http://www.mindspring.com/~jbblack
AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
TO-31, UO-22, UO-36

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

313. [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 21 Jun 2000 09:29:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92199-2000.06.21-10.33.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Larry,

I've worked in a production lab as an integration test engineer, and the "heart surgery" described is very similar to the normal production firmware procedures for a new product. The only difference is that the screws are going to come out and then go back in.

As for the quality of the product post mod, I'm of a contrary opinion -- many "dead on arrival" radios will be removed from the shelves. Expect higher quality control on a modified radio.

Just 2 cents.
--
Brian

Larry Zanella wrote:

> Like a fine wrist watch, when you
> open up a portable radio and do the major heart surgery that Bob previously
> described here (I think he referred to it as "non-trivial"), my personal
> opinion and preference is to get a unit that has never been opened up,
> manually soldered on in the field, etc. Only if a unit fails and I am into
> an out of warranty repair do I like to have my radios opened up.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

314. [htaprs] RE: D700 transmit "problem"

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Wed, 21 Jun 2000 11:04:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92202-2000.06.21-11.07.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Carter wrote:
>
> Two minutes sounds too frequent. I don't have my doumentation with me, so I
> can't quote this directly. If I remember, the the proper transmission
> interval should be more like 10 minutes, otherwise you will flood the net.
>
> Rich - KE1EV
>

I think this depends on what the tracker is doing and
where he is at.. 10 minutes at 60/75 miles an hour???
At that speed @ 1 minute he would be outta your hair in
10 minutes, or you wouldn't have even known he was
there!! :-) IMHO

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

315. [htaprs] THD7A(G) transmit problems

From: Norman Huber <n9zks@earthlink.net>
Date: Wed, 21 Jun 2000 11:23:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92206-2000.06.21-11.28.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I set the APRS channel and DX-packet frequencies in and access them from
(f)B. We have very little activity on UHF so I want to keep the local 2
meter repeater up. I set the lockout to on for both of those channels,
manually tune to the APRS frequency and balance down on B and up on the
A side. When I go to the (f)B side it transmits and receives on the APRS
frequency, but it doesn't blow my helmet off with the packet audio. I
can then scan the 70 or so 2 meter frequencies I have in the 2 meter
side.
I do want to have access to the 70 cm side though, because there are
local repeaters I use. (One of our most active ARES groups uses UHF
exclusively.)
The only problem I've had is having the scan fail to continue after a
frequency clears when in areas of HIGH APRS use. I do believe that
collisions occur and confuse the processor when under heavy use.
My D7A does exhibit the problem of needing the two pushes of the button
to transmit if it was in the midst of processing an incoming packet.
Note though, that the same sort of thing happens in other cases. For
instance if you have just turned on the GPS and radio, and want to check
to see if the position is "complete" before turning Beacon on, you will
have to push Beacon twice or clear Position before the unit will take
the input.
As to another comment about beacon rate, I set my rate depending on my
mode of transportation. For instance, if I was leading a run, I would
use the shortest time I could so that the tracker would give accurate

position indication. For normal bicycle rides I'd like it to indicate my
position every mile or so. If I'm traveling across the country on my
motorcycle I'm just interested in my wife having access to information
as to my general progress. I might have to adjust if I was back in Bob's
neck of the woods. Of course when you are on the beltway in traffic, you
are moving slower than I usually move on my bicycle.

--
Norm - N9ZKS
 Bicyclist, Motorcyclist, Ham , Scouter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

316. [htaprs] PG-4W Cable Requires Null Modem Adapter

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Wed, 21 Jun 2000 11:43:3
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92212-2000.06.21-11.46.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only way I can get my PG-4W cable to tone-out correctly against
Kenwood's PG-4W cable schematic is to use a null modem adapter (at the DB-9
end of the cable, obviously). For instance, when I interface my Garmin
GPS-35 PC to my D700 with the PG-4W cable, it works fine only if I use a
null modem adapter. But, when I look at Kenwood's schematic, this should
NOT be the case.

Has anyone else toned-out the PG-4W cable and found that Pins 2 and 3 (on
the DB-9 connector) are reversed compared to Kenwood's cable schematic?

Hard to believe, but I suppose I could have a defective PG-4W, as I have
only tried this one (new) cable, thus far.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

317. [htaprs] net cycle time (was D700 transmit "problem")

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 21 Jun 2000 13:06:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "APRS Spec Discussion List" <aprsspec@lists.tapr.org>
Message-ID: <LYR845-92216-2000.06.21-12.10.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I dug out my spec. This is quoted from V1.0 .

2. The objective is to have a net cycle time of 10 minutes for local use.
This
means that within 10 minutes of arrival on the scene, it is possible to
captured the entire tactical picture.
3. All stations, even fixed stations, should beacon their position at the
net
cycle time rate.

I suggest that users who need to send position updates more frequently
consider the impact of doing so. Though it may work fine in some uncrowded
areas, it may cause interference in other areas. It my be advisable to use
a private frequency, so as not to interfere with others.

73's
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Robbie Robertson
Sent: Wednesday, June 21, 2000 12:04 PM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] RE: D700 transmit "problem"

Richard Carter wrote:
>
> Two minutes sounds too frequent. I don't have my doumentation with me, so

I
> can't quote this directly. If I remember, the the proper transmission
> interval should be more like 10 minutes, otherwise you will flood the net.
>
> Rich - KE1EV
>

I think this depends on what the tracker is doing and
where he is at.. 10 minutes at 60/75 miles an hour???
At that speed @ 1 minute he would be outta your hair in
10 minutes, or you wouldn't have even known he was
there!! :-) IMHO

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

318. [htaprs] Re: PG-4W Cable Requires Null Modem Adapter

From: "Walter Dunckel" <walter@radiohound.com>
Date: Wed, 21 Jun 2000 10:16:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92219-2000.06.21-12.20.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The PG-4W is actually a cable to connect your TH-D7 to a computer, it is not
really a GPS cable. It is meant to connect an accessory (TH-D7) to your
computer. If you try to connect a TM-D700 to a gps (with your GPS to
computer cable and a PG-4W), you will need a null modem adapter to make the
two work together. This is "normal" unless you choose to make your own GPS
cable. If so, be very carefull when reading Kenwoods description of cable
connections. It is confusing. See the fine print:
http://www.radiohound.com/cable.jpg

Walter
http://www.radiohound.com/gpsetup.htm

----- Original Message -----
From: "Larry Zanella" <larry.zanella@attws.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, June 21, 2000 11:00 AM
Subject: [htaprs] PG-4W Cable Requires Null Modem Adapter

> The only way I can get my PG-4W cable to tone-out correctly against
> Kenwood's PG-4W cable schematic is to use a null modem adapter (at the
DB-9
> end of the cable, obviously). For instance, when I interface my Garmin
> GPS-35 PC to my D700 with the PG-4W cable, it works fine only if I use a
> null modem adapter. But, when I look at Kenwood's schematic, this should
> NOT be the case.
>
> Has anyone else toned-out the PG-4W cable and found that Pins 2 and 3 (on
> the DB-9 connector) are reversed compared to Kenwood's cable schematic?
>
> Hard to believe, but I suppose I could have a defective PG-4W, as I have
> only tried this one (new) cable, thus far.
>
> Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

319. [htaprs] Re: Continued GPS and 'G woes...

From: "Ryan K. Brooks" <ryan@inc.net>
Date: Wed, 21 Jun 2000 12:31:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'TAPR Hot Technology APRS'" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92221-2000.06.21-12.34.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Success! The full reset has enabled my 'G to see GPS... Thanks Rob. Not sure what I did since I've only had it since Saturday that messed it up so bad that I needed to reset it.

-n9ybx

Rob Wittner wrote:

> > Anyone having luck with a 'G and Garmin GPS's? Is your 'G from a
> > dealer or upgrade?
>
> Yes. I have two upgraded G models - both work with my GPS III (not +).
>
> There was one time (before the G upgrade) that the D7 refused to see the
> data coming from the GPS. I'd get the flashing decimal points, but no
> position. I ended up doing a _full reset_ of the D7, and that cured the
> woes.
>
> I don't know if this would matter, but had the GPS acquired a position when
> you made your diagnosis? The behavior as to what constitutes a "valid GPS
> position" may have changed a little with the upgrade.
>
> Good luck!
>
> 73
>
> -Rob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

320. [htaprs] Re: net cycle time (was D700 transmit "problem")

From: Steve Bragg <steveb@skymaster.c2-tech.com>
Date: Wed, 21 Jun 2000 13:18:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92231-2000.06.21-13.20.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry, folks, but I have to speak up on this one.

Richard Carter wrote:

> 2. The objective is to have a net cycle time of 10 minutes for local use.
> This
> means that within 10 minutes of arrival on the scene, it is possible to
> captured the entire tactical picture.
> 3. All stations, even fixed stations, should beacon their position at the
> net
> cycle time rate.

Omigosh. Are you serious? This is surely NOT addressing GPS mobiles. Otherwise, what's the point? Why even have a tracker if someone won't even see you as you pass through their city?

> I suggest that users who need to send position updates more frequently
> consider the impact of doing so. Though it may work fine in some uncrowded
> areas, it may cause interference in other areas.

It is most advisable only to transmit when there is something that has changed. Your house doesn't move, so it should beacon at the net cycle rate. Timed rate beaconing for mobiles sends information at the wrong time, yielding excessive "spam" and a poor track at the same time. Corner-pegging and distance-pegging are a much better way, but unfortunately very few APRS versions/devices currently support them (APRS+SA, HamHUD).

> It my be advisable to use
> a private frequency, so as not to interfere with others.

I hope this sentiment is not heeded by others, because it will 1)
fragment the APRS network, and 2) render precious assets such as
digipeters and IGATEs unusable.

73,

Steve

    __ __ ___   ____ __ ____   _____
   / //_// | / __ \/ |/ / | / / |
  / ,< / /| |/ /_/ / /|_/ /| | / / /| |
 / /| |/ ___ |__, / / / / | |/ / ___ |
/_/ |_/_/ |_/____/_/ /_/ |___/_/ |_|
===
Steve Bragg KA9MVA   ka9mva@qsl.net   ICQ:29816109
HamHUD APRS Mobile Terminal: www.qsl.net/ka9mva/hamhud
Owasso, Oklahoma, USA EM27ac
Owasso Amateur Radio Club www.qsl.net/oarc

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

321. [htaprs] Re: net cycle time (was D700 transmit "problem")

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 21 Jun 2000 14:19:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92245-2000.06.21-14.23.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Notice the use of the word "within" 10 minutes....depending on how your
network is populated, you certainly could send position more frequently than
10 minutes. I am aware of NO ONE who runs a tracker here beaconing any less
frequently than 5 minutes. Most of us are at 3 with a few at 2. It presents
no problems whatsoever.

Again...read the word "within"...that means NO MORE THAN, at least to me.
Yes, there is a point of diminishing return and network loading, to be sure.
However, using ONLY 10 minutes is, to my way of thinking an extreme
extrapolation, that would be reserved for only the most congested of
networks. Setting the position rate at 5 minutes also meets the spec of 10
minute net cycle time...in fact it EXCEEDS the "requirement". I think the
spec got interpreted backwards. The idea...at least the spirit of the idea,
is to have the entire network represented within 10 minutes. Setting things
no more than 10 minutes would accomplish this and so would setting position
reporting of mobiles at 5 or 4 or 3 ...assuming the network loading is not
problematic at these higher rates of transmission.

As always....there is NO ONE ANSWER to force down operators throats. To meet
the spec, pos rpt rate should not exceed 10 min. There is nothing (but
network loading) to prevent the pos rpt rate from being much shorter, esp
for mobiles making lots of turns.

On one extreme we have a "connect the dots" mentality of reporting every 30
sec. On the other end, is this reverse interpretation of "not more often
than 10 minutes". The happy medium is determined not by something in print,
but by the characteristics of your local network, including the number of
mobiles, their paths, their actual travel demographics, etc. etc. etc. This
is a LOCAL issue. ...and that is the context in which one should "consider
the impact".

Steve, I don't think you have to worry about this "sentiment" catching on. I
see no evidence that very many are going to adopt an absolute 10 minute
standard. Those areas suffering severe congestion might need to, but the
rest of us can set up to compliment our local network situation.

Interesting discussion, though!

73,

hasan schiers, N0AN
schiers@netins.net

----- Original Message -----
From: Steve Bragg <steveb@skymaster.c2-tech.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Wednesday, June 21, 2000 1:18 PM

Subject: [htaprs] Re: net cycle time (was D700 transmit "problem")

> Sorry, folks, but I have to speak up on this one.
>
> Richard Carter wrote:
>
> > 2. The objective is to have a net cycle time of 10 minutes for local
use.
> > This
> > means that within 10 minutes of arrival on the scene, it is possible to
> > captured the entire tactical picture.
> > 3. All stations, even fixed stations, should beacon their position at
the
> > net
> > cycle time rate.
>
> Omigosh. Are you serious? This is surely NOT addressing GPS mobiles.
> Otherwise, what's the point? Why even have a tracker if someone won't
> even see you as you pass through their city?
>
> > I suggest that users who need to send position updates more frequently
> > consider the impact of doing so. Though it may work fine in some
uncrowded
> > areas, it may cause interference in other areas.
>
> It is most advisable only to transmit when there is something that has
> changed. Your house doesn't move, so it should beacon at the net cycle
> rate. Timed rate beaconing for mobiles sends information at the wrong
> time, yielding excessive "spam" and a poor track at the same time.
> Corner-pegging and distance-pegging are a much better way, but
> unfortunately very few APRS versions/devices currently support them
> (APRS+SA, HamHUD).
>
> > It my be advisable to use
> > a private frequency, so as not to interfere with others.
>
> I hope this sentiment is not heeded by others, because it will 1)
> fragment the APRS network, and 2) render precious assets such as
> digipeters and IGATEs unusable.
>
> 73,
>
> Steve

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

322. [htaprs] Re: TH-D7(G) Won't Scan VHF+UHF

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 21 Jun 2000 12:26:18 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92248-2000.06.21-14.30.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 21 Jun 2000, hasan schiers wrote:

> Thanks, I'll try that...the D700 works differently in that once a frq is in
> memory, it doesn't matter what it was, when memory scanning ALL memorized
> frq are scanned no matter what "side" they were programmed on. I'll try the
> dual trick when I get a few minutes. 73

The above is not quite correct. Yes, all 200 memories are contiguous, so
when you scroll through them, you'll see all the memories that the VFO can
display. Notice that the "right-hand VFO" cannot display/receive AM
aircraft band, so if you are in the "right-hand" VFO and scrolling through
the memories, you won't see the AM aircraft band memory channels.
Similarly, the "left-hand VFO" doesn't display/receive 1.2GHz, so you
won't see those while scrolling through the memories. Each VFO can display
multiple bands, but the VFOs cannot *both* display/receive *all* the
bands. One VFO displays/receives some, the other VFO the rest.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

323. [htaprs] RE: D700 transmit "problem"

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 21 Jun 2000 12:30:35 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92249-2000.06.21-14.35.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Jun 2000, Jon Ogden wrote:

> You've brought this up before. But I see it as quite statistically
> insignificant. The odds of the TNC transmitting and you transmitting
> simultaneously are very small. Additionally, the packet TX burst is so
> short, it makes the collision of the two occurrences even less likely. I
> don't think I've ever keyed up in the way you describe.

I disagree. If the TNC is beaconing every 30 seconds or so, it happens
quite frequently. If you are in QSO on a local repeater while beaconing,
it happens regularly... you press the PTT, you talk for 15-20 seconds,
release the PTT expecting the repeater's courtesy tone... only to hear
your the other party saying "Where did you go?". He didn't hear you
because you weren't transmitting.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

324. [htaprs] Re: net cycle time (was D700 transmit "problem")

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 21 Jun 2000 15:37:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92250-2000.06.21-14.40.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I didn't write the spec. I assume that they did an analysis to determine
what kind of data rate the protocol will handle and based their net cycle
recommendation on that figure. I use their recommendation to set my
transmit interval to 10 minutes. If running at a significantly higer data
rate interferes with the operation of the net, then (the way I read it) you
are in violation of FCC regulations. Though you could probably listen to
the frequency and get a good idea how busy it is running in your local area,
you probably can't determine how far your repeated signal is being
transmitted. I doubt that you could determine if running a faster net cycle
would cause interference. If you really need a higher update rate, then you
are using the protocol for more than its intended purpose. Switching to a
private frequency for that purpose sounds like the proper thing to do.

Kenwood set the default cycle time to 3-minutes. I find this odd, since it
appears to violate the spec. Is everyone running at a 3-minute rep-rate?

Perhaps someone from the APRS Spec group could provide their comments?

73's
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Steve Bragg
Sent: Wednesday, June 21, 2000 2:18 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: net cycle time (was D700 transmit "problem")

Sorry, folks, but I have to speak up on this one.

Richard Carter wrote:

> 2. The objective is to have a net cycle time of 10 minutes for local use.
> This
> means that within 10 minutes of arrival on the scene, it is possible to
> captured the entire tactical picture.
> 3. All stations, even fixed stations, should beacon their position at the
> net

> cycle time rate.

Omigosh. Are you serious? This is surely NOT addressing GPS mobiles.
Otherwise, what's the point? Why even have a tracker if someone won't
even see you as you pass through their city?

> I suggest that users who need to send position updates more frequently
> consider the impact of doing so. Though it may work fine in some
uncrowded
> areas, it may cause interference in other areas.

It is most advisable only to transmit when there is something that has
changed. Your house doesn't move, so it should beacon at the net cycle
rate. Timed rate beaconing for mobiles sends information at the wrong
time, yielding excessive "spam" and a poor track at the same time.
Corner-pegging and distance-pegging are a much better way, but
unfortunately very few APRS versions/devices currently support them
(APRS+SA, HamHUD).

> It my be advisable to use
> a private frequency, so as not to interfere with others.

I hope this sentiment is not heeded by others, because it will 1)
fragment the APRS network, and 2) render precious assets such as
digipeters and IGATEs unusable.

73,

Steve

    __ __ ___   ____ __ ____   _____
   / //_// | / __ \/ |/ / | / / |
  / ,< / /| |/ /_/ / /|_/ /| | / / /| |
 / /| |/ ___ |__, / / / / | |/ / ___ |
/_/ |_/_/ |_/____/_/ /_/ |___/_/ |_|
===
Steve Bragg KA9MVA   ka9mva@qsl.net   ICQ:29816109
HamHUD APRS Mobile Terminal: www.qsl.net/ka9mva/hamhud
Owasso, Oklahoma, USA EM27ac
Owasso Amateur Radio Club www.qsl.net/oarc

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

325. [htaprs] Re: net cycle time (was D700 transmit "problem")

From: Bob Bruninga <bruninga@nadn.navy.mil>

Date: Wed, 21 Jun 2000 16:12:45 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92256-2000.06.21-15.17.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 21 Jun 2000, hasan schiers wrote:

> Notice the use of the word "within" 10 minutes....depending...
> spec got interpreted backwards. The idea...at least the spirit of the idea,
> is to have the entire network represented within 10 minutes...

Actually my original design objective was every 10 minutes for LOCAL
Operations. IE, A special event or local EOC or whatever.. We decided
that 30 minutes was about right for things beyond local. I thought that
distinction made it into the spec...

APRSdos and some othere try to defualt to this by sensing the path. If
the path that one is using is 1 hop or direct, then it sets the
net-cycle-time to 10 minutes (+/- many seconds of randomness). For 2
hops, it sets 20 minuets and for 3 hops or more, it sets it to 30
minteus. This way, even new-users who don know how to reconfigure, will
be ready at thte 10 minute rate if they are called upon to activate for
an emergency or local event...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

326. [htaprs] Re: net cycle time (was D700 transmit "problem")

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 21 Jun 2000 14:29:24 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92257-2000.06.21-15.33.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Carter wrote:

> Kenwood set the default cycle time to 3-minutes. I find this odd, since it
> appears to violate the spec. Is everyone running at a 3-minute rep-rate?

Which is worse: 10 minute intervals with "RELAY,WIDE4-4" or 3 minute intervals
with "RELAY,WIDE"? How about: 12 second intervals in Ouray, Colorado, versus
10 minute intervals in Atlanta, Georgia?

The answer: it depends.
--
Brian KC0HIR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

327. [htaprs] Net cycle time and beacon rates

From: Charles Richard <w4hfz@sprynet.com>
Date: Wed, 21 Jun 2000 19:53:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92275-2000.06.21-19.13.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I operate my D700 during my daily commute, my average speed is
around 65 miles an hour. In 10 minutes, I change position by over 10
miles. If one of my packets fails to make it into the system, my
position error as seen by the net could be over 20 miles. I estimate,
from empirical data, that one in three or one in four of my packets gets
digipeated during portions of my trip.

If my position in the net is in error by 20 miles, I might as well turn
off my tracker and simply beacon departure and arrival via fixed
stations at either end of the trip.

I fail to see how passing tactically relevant information could be
considered interference.

73 de Chas, W4HFZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

328. [htaprs] Newbie : APRS Questions / Comments

From: "Joe Cram" <Joe.Cram@SolidNetworks.com>
Date: Wed, 21 Jun 2000 17:49:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92289-2000.06.21-19.52.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,

I'm looking for good information on getting started in APRS and Packet
Radio.

I'm having a hard time finding current how-to and best-practice types of
information.   The TAPR and APRS.NET websites both seem to point to mostly
older information, most of which is not beginner friendly.   I've gotten on
the air with several of the packages, but everything felt super-beta and

very "clunky". I have not found any worthwhile maps.

While some of my frustration has been caused by my StreetPilot getting stolen out of my car within days of getting a 7DA, I am having a hard time finding valuable online resources. I'd like to purchase another GPS and register whatever software works best. I would really like to see example APRS mobile and stationary setups and the pros/cons encountered.

My Primary goal with APRS would be to have my location available 24x7 on my website in a decent looking fashion (ie:not JavAPRS). I think that could be the trick to push several of my technical but not-to-impressed-by-hamradio friends to get a license so they could do the same. The CGI on www.aprs.net is exactly what I have in mind. Once I learn how to route my information to a internet gateway (if one exists in my area - Modesto CA) then I should have that goal achieved. Even tho I know I'm on the air local, I've never popped up on any of the APRS enabled web pages.

My biggest questions are probably more AX.25 related. I have not found any good explanations on routing or UNPROTO statements. What is the significance of APK001? Is that just telling people I run a 7DA and haven't changed the default? Are these UNPROTO statements registered somewhere or used by the receiving software somehow to parse my data? How do I find local paths to an Internet Gateway. Are there any current best-common-practices documents that I can reference? I see documents that say "never set your path as ..." but never a reason why. If there is a AX.25 source-routing commands document out there I'd probably be set.

My current equipment includes the D7A and Laptop running Windows 2000. I also have a Palm V sitting in a drawer that I could use if it would provide better on-screen visuals than whatever GPS I buy (the PalmV/Omnisky combo was obsolete by a Blackberry). I'm not too interested in getting another StreetPilot as the basemaps weren't that great and I wasn't about to spend more money on the mapping upgrades after being spoiled by Street Atlas. I'm considering the GPS III + since I still have a PC/Power cord however I would consider something smaller (even without a screen) if there is something that is the "hot setup" with the 7DA.

Anyhow, I'd like something that gives Street-Atlas quality mapping when on the laptop and something at least as nice as the basemaps on newer Garmins when using no PC.

I've installed the APRS+SA199YB beta, but it doesn't seem to be creating real-time maps very well. I'm running SA7 and I've seen APRS+SA draw a bunch of station icons up in the corner several times (in the wrong spot) when working with some of the menus manually, but it doesn't seem to be updating any real time data. It seems to be able to draw single stations no problem when I look them up. I'm also trying to register my location manually (since I don't have a GPS right now) by capturing my location from where I know I am on SA7 but when I then look myself up it shows me about 50 miles away. Is anyone else using APRS+SA/Win2K/SA7?

I'd use WinAPRS if someone could point me at a location with high-quality maps of California/Nevada.

Also, I'd be very interested in finding info about TCP/IP network technologies in Ham Radio. If I'm going to be dedicating a significant amount of computing power to mobile navigation, It'd be nice to get TCP/IP connectivity as well. With CableModems and DSL popping up everywhere it would seem that people would develop some sort of proxied TCP/IP data service that could allow hams to share their Internet feed with other mobile hams to provide "always available" (but understandably show) internet connectivity.

Any Feedback will be Appreciated!,
-Joe / K6JOE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

329. [htaprs] Re: net cycle time (was D700 transmit "problem")

From: Jon Ogden <jono@enteract.com>
Date: Wed, 21 Jun 2000 23:10:04 -0500

on 6/21/00 2:37 PM, Richard Carter at rich.carter@windriver.com wrote:

> I didn't write the spec. I assume that they did an analysis to determine
> what kind of data rate the protocol will handle and based their net cycle
> recommendation on that figure. I use their recommendation to set my
> transmit interval to 10 minutes. If running at a significantly higer data
> rate interferes with the operation of the net, then (the way I read it) you
> are in violation of FCC regulations.

Obviously, this sounds like some people in the packet radio community who think that actual, real use of a packet channel is QRM. There are more than enough people out there who think that a packet channel is only a good packet channel when there is no traffic on it. Any traffic they deem not important is QRM.

Richard, if you are transmitting every 10 minutes from your house YOU ARE QRMING the network! There is no need for a house or fixed station to transmit the same information over and over again. So why don't YOU think about the spec a little more instead of taking it so literally. Apply it where it makes sense.

A LOCAL operation is an operation that is specific to a certain purpose (ie: Special event).

Secondly, even transmitting your packet every 10 minutes is NOT a violation of FCC rules. Even if you transmit it every 10 seconds it isn't a violation of FCC rules. Why? Other people's modems have carrier detects and won't transmit while they hear you. So you aren't intentionally causing interference. Are you clogging the network unnecessarily? Sure, but you aren't violating any rules. So don't you dare try to say that mobiles who transmit every 2 or 3 minutes violate FCC rules.

> Though you could probably listen to
> the frequency and get a good idea how busy it is running in your local area,
> you probably can't determine how far your repeated signal is being
> transmitted. I doubt that you could determine if running a faster net cycle
> would cause interference. If you really need a higher update rate, then you
> are using the protocol for more than its intended purpose. Switching to a
> private frequency for that purpose sounds like the proper thing to do.

So I supposed in your view if my buddy who lives across town and I engage in sending messages to each other, we are QRMing the frequency since we are having a QSO on the APRS channel. Well, we aren't. We are using it for what it should be used for.
>
> Kenwood set the default cycle time to 3-minutes. I find this odd, since it
> appears to violate the spec. Is everyone running at a 3-minute rep-rate?

The spec isn't written in stone! NO WE ARE NOT ALL RUNNING A 3 MINUTE RATE! DOH! If 10 minutes was set in stone as you think it is, then I don't think the APRS authors (who had a LOT of input into the design of the Kenwood radios) would have allowed anything other than 10 minute interavals!

Again, if you are running your home station with anything less than 30 minute beacon intervals, you are transmitting too often! If you are running your mobile with anything more than three minutes you aren't transmitting enough!

What is worse: 30 fixed stations transmitting every 10 minutes (the SAME INFO) or 15 mobile stations transmitting constantly different and new data every 2 minutes? I think those 30 fixed stations would do a LOT of good by transmitting every 30 or even 45 to 60 minutes.

Think before you arbitrarily start whining about a spec.

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

330. [htaprs] RE: D700 transmit "problem"

From: Jon Ogden <jono@enteract.com>
Date: Wed, 21 Jun 2000 23:13:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92311-2000.06.21-23.14.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/20/00 10:25 PM, Hazen, Dwight L at hazen@indiana.edu wrote:

> I just went out to the truck and made the test as above and it works as I
> said.. BUT if I switch the APRS to the "A" radio and voice on the "B" radio
> then the dead audio problem goes away! So this may be the reason why some
> people do not seen this problem!
>

Hey Dwight, this could be why I've never seen it!

> So is everyone but me running APRS on the "A" radio? Guess I had better
> change the radio around..

I think most run APRS on the A band. Another thing is I think you are using
2 meters for voice as well as APRS. There could be some issue with VCO
switching times and so forth with your configuration. I don't know the
internal details of the radio, but I would suspect it's probably a hardware
limitation and not a software one. I wish that I could run UHF on band A
(where I gab most) and VHF on band B, but I can't. Such is life! I would
recommend you swap the data band.

That's probably why no one else has seen it. I can try it out to see what
you are saying though. I'll let you know.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

331. [htaprs] RE: APRS Transmit Intervals

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Wed, 21 Jun 2000 21:49:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92313-2000.06.21-23.52.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We here in the NW APRS Group recommend, and I said recommend, that the APRS
stations in our area transmit as follows:

For Home or Stationary Stations	Every 30 Minutes
For Mobile or Moving Trackers	Every 2 Minutes

These are our recommendations and are the settings that I personally use and
they seem to work quite well for having everyone displayed on our network.
No, not all of the APRS users in our area follow these suggestions. That is
OK too. We are not an enforcement group and just try to give suggestions in
order to keep order in our system which seems to work extremely well.

So, if you are undecided as to what your APRS transmit intervals should be,
give the above a try and see how it works for you. In different areas and
for specific events, there might be reasons why you would want to transmit
more or less often.

Incidentally, I love the messaging capability of APRS. The way to keep your
traffic from clogging the system, is to use an alternate path for the
station you are "talking" to, i.e., if you can hit the other station
directly, don't send the message to WIDE or WIDE5-5. Just use the other
stations call sign in your alternate path or the minimum path required to
hit that station.

Lets not bicker. Lets all enjoy APRS. I sure do.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

332. [htaprs] VC-H1

From: David VanHorn <dvanhorn@cedar.net>
Date: Thu, 22 Jun 2000 02:16:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92335-2000.06.22-02.22.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a picture from tuesday's double tornado chase through henery county
IN tuesday in my VC-H1.
Can anyone point me to someone who stocks the software so I can pull this out?

TIA
--

www.SpamWhack.com A pre-emptive strike against spam
A tornado is a lady whose skirts you do NOT want to look up!
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

333. [htaprs] RE: APRS Transmit Intervals

From: Jon Ogden <jono@enteract.com>
Date: Thu, 22 Jun 2000 06:49:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92358-2000.06.22-06.50.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/21/00 11:49 PM, Herb Gerhardt, KB7UVC at gerhardt@hctc.com wrote:

> Incidentally, I love the messaging capability of APRS. The way to keep your
> traffic from clogging the system, is to use an alternate path for the
> station you are "talking" to, i.e., if you can hit the other station
> directly, don't send the message to WIDE or WIDE5-5. Just use the other
> stations call sign in your alternate path or the minimum path required to
> hit that station.

This is something I've always wanted to do, Herb, but I don't think it can
be "easily" done unless you are running your TNC in KISS mode. Perhaps I am
wrong on this.

I've had a lot of problems getting KISS mode to work right with my KPC-3+.
Sometimes it works and sometimes it doesn't, so usually I don't even bother
with it.

Have you figured out how to make it work?

Thanks and 73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

334. [htaprs] Continued GPS and 'G woes...

From: Paul Jacques <PaulJ@minimed.com>
Date: Thu, 22 Jun 2000 05:01:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92360-2000.06.22-07.06.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

        I noticed that my Pharos GPS works with my TH-7A but not with my
D700. In this case it might have something to do
with the operating voltage level (RS232 levels). I might try running it at a
slightly higher battery voltage to see what happens.

Paul
WB6IWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

335. [htaprs] Re: Continued GPS and 'G woes...

From: Christopher L McNabb <cmcnabb@4mcnabb.net>
Date: Thu, 22 Jun 2000 08:07:08 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92361-2000.06.22-07.10.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Paul, I run my Pharos GPS at a constant 5.5 volts, and it works fine with both
the D7 and the D700.

>From: Paul Jacques <PaulJ@minimed.com>
>   I noticed that my Pharos GPS works with my TH-7A but not with my
>D700. In this case it might have something to do
>with the operating voltage level (RS232 levels). I might try running it at a
>slightly higher battery voltage to see what happens.
>
>Paul
>WB6IWT

Christopher L McNabb
email: cmcnabb@4mcnabb.net
ARS: KB7DAR
icbm: 37d 08m 09s N   80d 25m 43s W   2029Ft ASL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

336. [htaprs] Re: VC-H1

From: LARRY BUSH <w5ncd@bigfoot.com>
Date: Thu, 22 Jun 2000 12:24:11 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92364-2000.06.22-07.28.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

David,

There are two software packages that will download a file from the VC-H1.
First one is Kenwood VC-IS written by AOR. Priced at $29.95.
A real piece of CRAP, I don't recommend it..

The next is Kenwood KCT-24S, looks like the above but does enable you to

upload and down load picture files to the VC-H1. Priced at 58.95.

Both are available from Amateur Radio Electronics 1-800-558-0411

The simple way to get your picture file is to transmit to a PC with SSTV
software and save the file. Check http://www.sstvham.com for more info on
the Kenwood VC-H1.

73... Larry, W5NCD

At 02:16 06/22/2000 -0500, David VanHorn wrote:
>I have a picture from tuesday's double tornado chase through henery county
>IN tuesday in my VC-H1.
>Can anyone point me to someone who stocks the software so I can pull this out?
>
>TIA
>--
>
>www.SpamWhack.com A pre-emptive strike against spam
>A tornado is a lady whose skirts you do NOT want to look up!
>Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9
>
>
>---
>You are currently subscribed to htaprs as: w5ncd@bigfoot.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

337. [htaprs] Re: Net cycle time and beacon rates

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 22 Jun 2000 08:53:26 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92371-2000.06.22-08.01.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The 10 minute/30 minute net-cycle times are for FIXED non-moving
stations.. and long term packets like Bulletins and messages that have
decayed...

Bob

On Wed, 21 Jun 2000, Charles Richard wrote:

> When I operate my D700 during my daily commute, my average speed is
> around 65 miles an hour. In 10 minutes, I change position by over 10
> miles. If one of my packets fails to make it into the system, my
> position error as seen by the net could be over 20 miles. I estimate,
> from empirical data, that one in three or one in four of my packets gets
> digipeated during portions of my trip.
>
> If my position in the net is in error by 20 miles, I might as well turn
> off my tracker and simply beacon departure and arrival via fixed
> stations at either end of the trip.
>
> I fail to see how passing tactically relevant information could be
> considered interference.
>
> 73 de Chas, W4HFZ
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

338. [htaprs] [amsat-bb] TH-D7/TM-D700 & WiSP... (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 22 Jun 2000 09:10:57 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92375-2000.06.22-08.14.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now the Kenwood data radios have full support in the premier satellite
station control program, WISP as noted below.
de WB4APR, Bob

---------- Forwarded message ----------
Date: Wed, 21 Jun 2000 23:26:21 -0300
From: Fernando Mederos <fmederos@adinet.com.uy>
To: amsat-bb@AMSAT.Org
Subject: [amsat-bb] TH-D7/TM-D700 & WiSP...

Hi,
        Thanks to the great help of Mike-N1JEZ, WiSPDDE is already working
interfacing WiSP with the new set of Kenwood radios. It may accept some
more fine-tuning though...
        Executable & sources @ www.chasque.apc.org/franky

        73 de Nando, CX6DD

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

339. [htaprs] RE: APRS Transmit Intervals

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 22 Jun 2000 09:26:13 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92379-2000.06.22-08.30.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In APRSdos, to use an alternate path for each message, just put .../XX
after the call on the TOLINE. Then that message will be sent via the path
on your DIGIPATH list labeled as "XX"...

bob
 On Thu, 22 Jun 2000, Jon Ogden
wrote:

> on 6/21/00 11:49 PM, Herb Gerhardt, KB7UVC at gerhardt@hctc.com wrote:
>
> > Incidentally, I love the messaging capability of APRS. The way to keep your
> > traffic from clogging the system, is to use an alternate path for the
> > station you are "talking" to, i.e., if you can hit the other station
> > directly, don't send the message to WIDE or WIDE5-5. Just use the other
> > stations call sign in your alternate path or the minimum path required to
> > hit that station.
>
> This is something I've always wanted to do, Herb, but I don't think it can
> be "easily" done unless you are running your TNC in KISS mode. Perhaps I am
> wrong on this.
>
> I've had a lot of problems getting KISS mode to work right with my KPC-3+.
> Sometimes it works and sometimes it doesn't, so usually I don't even bother
> with it.
>
> Have you figured out how to make it work?
>
> Thanks and 73,
>
> Jon
> NA9D

>
> ------------------------------------
> Jon Ogden
> NA9D (ex: KE9NA)
>
> Member: ARRL, AMSAT, DXCC, NRA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

340. [htaprs] TH-D7A (G) Internet Messaging

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Thu, 22 Jun 2000 08:58:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92386-2000.06.22-09.02.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga mentions on his ASTARS page that Internet messaging is available via satellite.

Is it also available on terrestrial APRS ??

I attempted to send an E-Mail message to myself. I addressed it to "EMAIL" with my E-Mail address listed
 first in the text line. I had a good connect with the national net (my station and icon were displayed
on the APRS.net). I never received the message.

We are just getting started here in western Alabama with APRS and are trying to "learn the ropes".

Thanks,

Don DeJarnette

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)

341. [htaprs] APRS REPORT VIA UO-22 (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 22 Jun 2000 10:21:29 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92388-2000.06.22-09.25.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

See, HT 9600 baud messaging between HT's via satellites...
It works!

Bob

---------- Forwarded message ----------
Date: Thu, 22 Jun 2000 00:19:39 -1300
From: pedro perez <papac@mixmail.com>
To: BobBruninga <bruninga@nadn.navy.mil>
Subject: APRS REPORT VIA UO-22

Hi Bob:
Very nice APRS report this morning at 8:50AM via UO-22.
I was with my little D7A(G) and a diamond SRH-519
(21cm!!!) drinking a coffee in the beach.
I received:

WB4APR-3
TM-D700 Special (van icon)
pse qsl! sat test!
FM19QD
1324 Km
N 39' 09.00'
S 076' 36.00'

I'll come back to Europe next June 30th. I'll continue
my APRS tests there with my friends of "Francisco de
Orellana" ham-radio club in Badajoz (Spain). We have
several TH-D7E and TM-D700.
THANKS BOB!!!
Pedro, EB4DKA. Vero Beach-FL.

Tu correo gratis en MixMail http://www.mixmail.com
Inicia tu navegacion en http://www.ya.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

342. [htaprs] Re: Net cycle time and beacon rates

From: aa8ei@eos.net
Date: Tue, 22 Jun 1943 10:34:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92395-2000.06.22-09.52.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Might I suggest that trackers reset their rep rates to 60 minutes when parked, or better, turn the radio off.

Any given moment, it seems almost all the 'tracked' stations are immobile. They clutter the screen while hunting for MOVING stations.

While it's fun to see stations moving around, that seldom happens, relative to the 'trackers' that are parked. Some parked stations seem to have direction and motion :)

Anyway, map clutter is already overwhelming for those of us who watch large areas and aren't just looking for a particular event. The clutter makes it more difficult to explain to non-hams what is of value on the display.

Be nice when we can select EACH category we wish to see, particularly as more categories are developed and custom varies around the planet. Meantime, it would be great if non-moving stations of all types transmitted as least as possible (I think).

I kinda wonder why a mobile station that isn't moving, transmitting important stuff (as perhaps digi'ing if necessary) or doing some other real work MUST be transmitted at all? I mean, besides being able and legal and having spent all that money and all that? Seems non-productive from here.

Perhaps if stopped 'tracker' stations could change their status from 'trackable' to 'fixed station at the moment' and not appear on the 'tracked only' map? That would help the cluttered 'tracked' display.

Be nice to eliminate nodes, wx stations, and other categories at will to hone the display to specifics. Right now, 'flagged stations only' with no flagged stations gives a clear map for wx display, but it'd be nice to be able to selectively add categories without having to know their calls in advance. One new category could be 'non-moving stations'.

Tony

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

343. [htaprs] Duplicate MicE positions

From: Bill Diaz <billdiaz@megsinet.net>
Date: Thu, 22 Jun 2000 10:14:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92403-2000.06.22-10.18.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a sequence of locations that appeared on the Internet feed this
morning. 5 packets seem to be generated for every raw MicE packet transmitted
by KB2EAR-15. This sequence repeats about once a minute. APD212 dupes are not
being detected and this may be due to the asterisk appended to the originating

call sign. Other dupes are not detected due to differences in time stamps,
locations, and the formatting of information after the speed field.

The Local RF channel would be swamped if several mobiles were sending MicE
packets at one minute intervals within the same RF coverage area as KB2EAR-15.
 This would most likely happen during a special event, or disaster and could
render the local APRS network incapable of providing timely and accurate
information.

!165.230.133.74:WU2Z
!KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/
M1/Enroute...]"4B}
!165.230.133.74:WU2Z
!KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.78Wv339/012/Mic-E/
M1/Enroute>
!165.230.133.74:WU2Z
!KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/
M1/Enroute...]"4B}
!kb2ear.aprs.net:IGATE
!KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/M1
/Enroute...]"4B}
!second.aprs.net:IGATE
!KB2EAR-15>APK101,RELAY,KB2EAR-1*,WIDE:@221511z4026.90N/07423.78Wv339/012/Mi
c-E/M1/Enroute>

!165.230.133.74:WU2Z
!KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/
M1/Enroute...]"4A}
!165.230.133.74:WU2Z
!KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221409z4027.20N/07423.95Wv338/008/Mic-E/
M1/Enroute>
!165.230.133.74:WU2Z
!KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/
M1/Enroute...]"4A}
!kb2ear.aprs.net:IGATE
!KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/M1
/Enroute...]"4A}
!second.aprs.net:IGATE
!KB2EAR-15>APK101,RELAY,KB2EAR-1*,WIDE:@221512z4027.20N/07423.95Wv338/008/Mi
c-E/M1/Enroute>

!165.230.133.74:WU2Z
!KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221410z4027.58N/07424.16Wv338/033/E>dsy/
M1/Enroute...]"4C}
!165.230.133.74:WU2Z
!KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221410z4027.56N/07424.15Wv338/033/Mic-E/
M1/Enroute>
!165.230.133.74:WU2Z
!KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221410z4027.58N/07424.16Wv338/033/E>dsy/
M1/Enroute...]"4C}
!second.aprs.net:IGATE
!KB2EAR-15>APK101,KB2EAR-1,N2MH-15*,WIDE:@221513z4027.56N/07424.15Wv338/033/
Mic-E/M1/Enroute>
!second.aprs.net:IGATE
!KB2EAR-15>APK,APS:@221410z4027.58N/07424.16Wv338/038/TM-D7/M1/ENROUTE]"4C}
A=000144

!165.230.133.74:WU2Z
!KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221411z4028.01N/07424.44Wv329/039/E>dsy/
M1/Enroute...]"4;}
!kb2ear.aprs.net:IGATE
!KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221411z4028.01N/07424.44Wv329/039/E>dsy/M1
/Enroute...]"4;}
!165.230.133.74:WU2Z
!KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221411z4028.00N/07424.43Wv329/039/Mic-E/
M1/Enroute>
!165.230.133.74:WU2Z !KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221411z4028.01N/074
24.44Wv329/039/E>dsy/M1/Enroute...]"4;}
!second.aprs.net:IGATE
!KB2EAR-15>APK101,KB2EAR-1*,WIDE,WIDE:@221514z4028.00N/07424.43Wv329/039/Mic
-E/M1/Enroute>

Bill KC9XG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

344. [htaprs] D7 Upgrade Turn Around

From: KC2EAW@aol.com
Date: Thu, 22 Jun 2000 12:03:15 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92414-2000.06.22-11.07.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thursday of Last week (6/15/00) I shipped my D7 to Kenwood's Virginia
Beach Center for the "G" upgrade. They received the unit on Monday 6/19.
Tuesday 6/20 at 4:22 pm I received an e-mail from their UPS Software that
the radio was shipped back to me that day. The e-mail included a tracking
number. Sure enough my radio was delivered today. I just went through it
to check out the new features and reprogram the APRS functions.

In short I'm very impressed. 24 Hour Turnaround! Way to go Kenwood!

73 de KC2EAW
Dan Speranzo

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

345. [htaprs] D7A(g) Deletion of Single Msg?

From: "hasan schiers" <schiers@netins.net>
Date: Thu, 22 Jun 2000 13:17:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92420-2000.06.22-13.20.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmmmm..can't find this one in the manual either. How do you delete just one
message in the message list of the D7A(G) HT? If I press and hold A/B, I get
a prompt to delete all messages. How does one delete a single message?

BTW...thanks to all on the VHF/UHF scanning question. It works much
differently in practice with the D700 (which I was used to) than in the D7A.
I now can scan VHF and UHF...it just takes a few additional key strokes.

73

hasan schiers, N0AN
schiers@netins.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

346. [htaprs] Re: Duplicate MicE positions

From: "hasan schiers" <schiers@netins.net>
Date: Thu, 22 Jun 2000 13:23:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92422-2000.06.22-13.26.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We were having the same problem with KC4ZPL-14, here in central Iowa. The
local Igate, N0BKB is picking up from the internet and we were getting 15
packets in a row all from the same station, over and over and over and over
again. (ad nauseum). We have removed this station from the stations.txt list
and the problem disappeared.

Please don't take this to be a criticism of zpl....it may have absolutely
nothing to do with him, but it idoes sound like it is connected to the
problem mentioned w/r to ear-15 below.

Our local network is relatively uncrowded. Lots of activity, just not busy
all the time. With zpl-14 on, it was literally taking over the freq for 15
or 20 sec at a time nearly every minute or two. When we stopped gating that
call, I made some short observations and noticed that there are typically 25
to 35 seconds of dead air each minute...obviously nice...yet quite active.
73

hasan schiers, N0AN
schiers@netins.net

----- Original Message -----

From: Bill Diaz <billdiaz@megsinet.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, June 22, 2000 10:14 AM
Subject: [htaprs] Duplicate MicE positions

> Here is a sequence of locations that appeared on the Internet feed this
> morning. 5 packets seem to be generated for every raw MicE packet
transmitted
> by KB2EAR-15. This sequence repeats about once a minute. APD212 dupes
are not
> being detected and this may be due to the asterisk appended to the
originating
> call sign. Other dupes are not detected due to differences in time
stamps,
> locations, and the formatting of information after the speed field.
>
> The Local RF channel would be swamped if several mobiles were sending MicE
> packets at one minute intervals within the same RF coverage area as
KB2EAR-15.
> This would most likely happen during a special event, or disaster and
could
> render the local APRS network incapable of providing timely and accurate
> information.
>
> !165.230.133.74:WU2Z
>
!KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/
> M1/Enroute...]"4B}
> !165.230.133.74:WU2Z
>
!KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.78Wv339/012/Mic-E/
> M1/Enroute>
> !165.230.133.74:WU2Z
>
!KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/
> M1/Enroute...]"4B}
> !kb2ear.aprs.net:IGATE
>
!KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/M1
> /Enroute...]"4B}
> !second.aprs.net:IGATE
>
!KB2EAR-15>APK101,RELAY,KB2EAR-1*,WIDE:@221511z4026.90N/07423.78Wv339/012/Mi
> c-E/M1/Enroute>
>
> !165.230.133.74:WU2Z
>
!KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/
> M1/Enroute...]"4A}
> !165.230.133.74:WU2Z
>
!KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221409z4027.20N/07423.95Wv338/008/Mic-E/
> M1/Enroute>
> !165.230.133.74:WU2Z
>
!KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/
> M1/Enroute...]"4A}
> !kb2ear.aprs.net:IGATE
>
!KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/M1
> /Enroute...]"4A}
> !second.aprs.net:IGATE
>
!KB2EAR-15>APK101,RELAY,KB2EAR-1*,WIDE:@221512z4027.20N/07423.95Wv338/008/Mi
> c-E/M1/Enroute>
>
> !165.230.133.74:WU2Z
>
!KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221410z4027.58N/07424.16Wv338/033/E>dsy/
> M1/Enroute...]"4C}
> !165.230.133.74:WU2Z
>
!KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221410z4027.56N/07424.15Wv338/033/Mic-E/
> M1/Enroute>
> !165.230.133.74:WU2Z
>
!KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221410z4027.58N/07424.16Wv338/033/E>dsy/
> M1/Enroute...]"4C}

```
> !second.aprs.net:IGATE
>
!KB2EAR-15>APK101,KB2EAR-1,N2MH-15*,WIDE:@221513z4027.56N/07424.15Wv338/033/
> Mic-E/M1/Enroute>
> !second.aprs.net:IGATE
>
!KB2EAR-15>APK,APS:@221410z4027.58N/07424.16Wv338/038/TM-D7/M1/ENROUTE]"4C}
> A=000144
>
> !165.230.133.74:WU2Z
>
!KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221411z4028.01N/07424.44Wv329/039/E>dsy/
> M1/Enroute... ]"4;}
> !kb2ear.aprs.net:IGATE
>
!KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221411z4028.01N/07424.44Wv329/039/E>dsy/M1
> /Enroute... ]"4;}
> !165.230.133.74:WU2Z
>
!KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221411z4028.00N/07424.43Wv329/039/Mic-E/
> M1/Enroute>
> !165.230.133.74:WU2Z
!KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221411z4028.01N/074
> 24.44Wv329/039/E>dsy/M1/Enroute... ]"4;}
> !second.aprs.net:IGATE
>
!KB2EAR-15>APK101,KB2EAR-1*,WIDE,WIDE:@221514z4028.00N/07424.43Wv329/039/Mic
> -E/M1/Enroute>
>
> Bill KC9XG
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

347. [htaprs] Re: D7 Upgrade Turn Around

```
From: John Gorkos <jgorkos@CellNet.com>
Date: Thu, 22 Jun 2000 13:24:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92424-2000.06.22-13.28.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

Unfortunately, I chose the West Coast Facility for my upgrade. My first mistake was shipping UPS ground instead of blue or red. My D7A was dropped off at the Lenexa, KS UPS facility at 11:00 AM on 2 June and was not delivered to Cerritos until 9:30 on 8 June. A call to the facility today told me that the unit was sent to to repair center from the warehouse on June 16th, 8 days AFTER the warehouse got it. The Kenwood representive told me that they were receiving "1000's of radios per day" and that turn-around time was 10-14 working days from the date of receipt. Since my radio was not received until the 16th (even though Mr/Mrs. Briseno signed for it on the 8th), she told me it would be 10-14 business days to get it upgraded.

NEWS FLASH: I just received a phone call from Marie in the service center (what timing...). She told me the radio is done, and needed to get my payment information (even though I enclosed it on a signed letter in the original box I shipped the radio in). She DID let me upgrade the shipping to UPS Red (she was going to ship it Ground).
I don't know if my two phone calls to Kenwood pestered them into pushing my radio through the system faster, or if my number was just up, but I would recommend that anyone east of the Rockies ship their D7 to the east coast facility and avoid getting caught up in the "1000's of radios" received daily in California.

Despite my irritation that it took 8 days for my radio to make it to the repair facility from whatever "warehouse" originally got it, and another 6 days to get the upgrade done, Kenwood DOES get credit for being able to tell me where my radio was when I asked, and credit for just plain upgrading these radios instead of saying "buy a new radio if you want the new features." They did make it within the 10-14 business days they promised, but nothing like the other stories I'm reading on this sig...

John Gorkos

KB5HHR (try THAT in morse code...)

KC2EAW@aol.com wrote:
>
> Thursday of Last week (6/15/00) I shipped my D7 to Kenwood's Virginia
> Beach Center for the "G" upgrade. They received the unit on Monday 6/19.
> Tuesday 6/20 at 4:22 pm I received an e-mail from their UPS Software that
> the radio was shipped back to me that day. The e-mail included a tracking
> number. Sure enough my radio was delivered today. I just went through it
> to check out the new features and reprogram the APRS functions.
>
> In short I'm very impressed. 24 Hour Turnaround! Way to go Kenwood!
>
> 73 de KC2EAW
> Dan Speranzo
>
> ---
> You are currently subscribed to htaprs as: jgorkos@cellnet.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

348. [htaprs] Re: D7A(g) Deletion of Single Msg?

From: David Kovar <kovar@WebNexus.COM>
Date: Thu, 22 Jun 2000 11:37:50 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-92428-2000.06.22-13.41.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning,
My radio is down in the car, but I believe that if you just press and
release A/B once, it'll give you the option of deleting the current
message, without a confirmation. Press it twice and it'll allow you to
delete them all, requring a confirmation.

-David

>
> Hmmmm..can't find this one in the manual either. How do you delete just one
> message in the message list of the D7A(G) HT? If I press and hold A/B, I get
> a prompt to delete all messages. How does one delete a single message?
>
> BTW...thanks to all on the VHF/UHF scanning question. It works much
> differently in practice with the D700 (which I was used to) than in the D7A.
> I now can scan VHF and UHF...it just takes a few additional key strokes.
>
> 73
>
> hasan schiers, N0AN
> schiers@netins.net
>
>
> ---
> You are currently subscribed to htaprs as: kovar@webnexus.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

349. [htaprs] RE: D700 transmit "problem"

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 22 Jun 2000 14:03:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Naab, John W" <jnaab@indiana.edu>
Message-ID: <LYR845-92431-2000.06.22-14.11.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have reversed the "A" "B" radio and the problem went away. You just can
not put the tnc on the "B" radio and not have your audio go dead on you if
the tnc is transmitting when you press the mic button.

 Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
Any time a fusion device sayeth, "Let there be light." bad things happen.
>From the movie "Dark Star"

> -----Original Message-----
> From: Julian M. Frost [SMTP:jfrost@odaiko.ss.uci.edu]
> Sent: Wednesday, June 21, 2000 2:31 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] RE: D700 transmit "problem"
>
> On Tue, 20 Jun 2000, Jon Ogden wrote:
>
> > You've brought this up before. But I see it as quite statistically
> > insignificant. The odds of the TNC transmitting and you transmitting
> > simultaneously are very small. Additionally, the packet TX burst is so
> > short, it makes the collision of the two occurrences even less likely.
> I
> > don't think I've ever keyed up in the way you describe.
>
> I disagree. If the TNC is beaconing every 30 seconds or so, it happens
> quite frequently. If you are in QSO on a local repeater while beaconing,
> it happens regularly... you press the PTT, you talk for 15-20 seconds,
> release the PTT expecting the repeater's courtesy tone... only to hear
> your the other party saying "Where did you go?". He didn't hear you
> because you weren't transmitting.
>
> Julian
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

350. [htaprs] Re: net cycle time (was D700 transmit "problem")

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 22 Jun 2000 14:07:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92432-2000.06.22-14.15.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard,

 I have a 20 min. drive to work, so a ten min cycle would not work at all
for me. I would have one beacon when the radio is turned on (if the GPS was
in lock yet, no likely) one ten minutes later and one more if I remembered
to hit the beacon button just as I turned off the radio. So only one or two
beacons would show up on the map. If I was in a bad RF zone during that time
I might not show up at all. This is not what I wanted when I funded and
built the internet gateway and wide digi in Bloomington Indiana.

 By building and maintain the Bloomington system and talking to hams on the
voice repeaters on my way back and forth to work I have caused many hams to
get interested in APRS (Two D700 and about Five D7's worth of interest) In
fact I have two non-hams now studying for their licenses just because of
seeing my mobile on the internet every day!

I agree that stationary stations, like my house and my parked mobile beacon
only every 30 min.

 Do you agree that a slow moving mobile driving on city streets has to
beacon at a higher rate that a mobile on the interstate driving between
cities to generate good tracks on the map?

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
Any time a fusion device sayeth, "Let there be light." bad things happen.
>From the movie "Dark Star".

> -----Original Message-----
> From: Richard Carter [SMTP:rich.carter@windriver.com]
> Sent: Wednesday, June 21, 2000 2:37 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: net cycle time (was D700 transmit "problem")
>
> I didn't write the spec. I assume that they did an analysis to determine
> what kind of data rate the protocol will handle and based their net cycle
> recommendation on that figure. I use their recommendation to set my
> transmit interval to 10 minutes. If running at a significantly higer data
> rate interferes with the operation of the net, then (the way I read it)
> you
> are in violation of FCC regulations. Though you could probably listen to
> the frequency and get a good idea how busy it is running in your local
> area,
> you probably can't determine how far your repeated signal is being
> transmitted. I doubt that you could determine if running a faster net
> cycle
> would cause interference. If you really need a higher update rate, then
> you
> are using the protocol for more than its intended purpose. Switching to a
> private frequency for that purpose sounds like the proper thing to do.
>
> Kenwood set the default cycle time to 3-minutes. I find this odd, since
> it
> appears to violate the spec. Is everyone running at a 3-minute rep-rate?
>
> Perhaps someone from the APRS Spec group could provide their comments?
>
>
> 73's
> Rich - KE1EV
>
> -----Original Message-----
> From: bounce-htaprs-14533@lists.tapr.org
> [mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Steve Bragg
> Sent: Wednesday, June 21, 2000 2:18 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: net cycle time (was D700 transmit "problem")
>
>
> Sorry, folks, but I have to speak up on this one.
>
> Richard Carter wrote:
>
> > 2. The objective is to have a net cycle time of 10 minutes for local
> use.
> > This
> > means that within 10 minutes of arrival on the scene, it is possible to
> > captured the entire tactical picture.
> > 3. All stations, even fixed stations, should beacon their position at
> the
> > net
> > cycle time rate.
>
> Omigosh. Are you serious? This is surely NOT addressing GPS mobiles.
> Otherwise, what's the point? Why even have a tracker if someone won't
> even see you as you pass through their city?
>
> > I suggest that users who need to send position updates more frequently
> > consider the impact of doing so. Though it may work fine in some
> uncrowded
> > areas, it may cause interference in other areas.
>
> It is most advisable only to transmit when there is something that has
> changed. Your house doesn't move, so it should beacon at the net cycle
> rate. Timed rate beaconing for mobiles sends information at the wrong
> time, yielding excessive "spam" and a poor track at the same time.
> Corner-pegging and distance-pegging are a much better way, but

```
> unfortunately very few APRS versions/devices currently support them
> (APRS+SA, HamHUD).
>
> > It my be advisable to use
> > a private frequency, so as not to interfere with others.
>
> I hope this sentiment is not heeded by others, because it will 1)
> fragment the APRS network, and 2) render precious assets such as
> digipeters and IGATEs unusable.
>
> 73,
>
> Steve
>
> ---
>     __ __ ___   ____  __  ____    _____
>    / //_//   | / __ \/  |/  / |  / /   |
>   / ,<  / /| |/ /_/ / /|_/ /| | / / /| |
>  / /| |/ ___ |\__, / /  / / | |/ / ___ |
> /_/ |_/_/  |_/____/_/  /_/  |___/_/  |_|
> ======================================================
> Steve Bragg KA9MVA    ka9mva@qsl.net   ICQ:29816109
> HamHUD APRS Mobile Terminal: www.qsl.net/ka9mva/hamhud
> Owasso, Oklahoma, USA EM27ac
> Owasso Amateur Radio Club www.qsl.net/oarc
>
> ---
> You are currently subscribed to htaprs as: rcarter@isi.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

351. [htaprs] Sunsat digipeating enabled

```
From: "Johann Lochner" <lochner@ing.sun.ac.za>
Date: Thu, 22 Jun 2000 21:19:58 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92435-2000.06.22-14.23.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hi folks,

Sunsat digipeating is enabled overnight (until 23 June, 04:30 UTC).
No bulletins or telemetry is transmitted.  Sunsat will perform all
kinds of manoeuvres during this period.  It might influence your
uplink success in particular.  The uplink is 436.291 MHz (both 1k2
and 9k6), the downlink 145.825 MHz (only 1k2 this time around).

Kind regards,
Johann, ZR1CBC

+-----------------------------------------------+
  JG Lochner  ESL, Universiteit van Stellenbosch
  e-pos:      lochner@ing.sun.ac.za
  webtuiste:  http://esl.ee.sun.ac.za/~lochner
+-----------------------------------------------+

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

352. [htaprs] Re: Duplicate MicE positions

```
From: Bill Diaz <billdiaz@megsinet.net>
Date: Thu, 22 Jun 2000 14:23:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92436-2000.06.22-14.26.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hasan,
  The likely causes of the server not detecting duplicate packets include :
1.  Some TNC's append an asterisk to the originating call of a station heard
locally.
```

2. IGATE time stamps are different.
3. Converted MicE locations differ among IGATES
4. Each IGATE application adds differing text after the speed field of the converted packet.
5. Some IGATES are truncating packets at 100 bytes.

Obviously, dupe detection is defeated when multiple IGATES convert the same MicE packet differently. It is certainly not the fault of the MicE station. The fault lies almost entirely with the IGATES.

When converting a single MicE packet, all IGATES should create an identical information field including the timestamp.
We need a standard for converted MicE packets. Until this is created and adhered to, expect duplicate packets, wasted bandwidth, and corrupted vehicle tracks.

Unfortunately, KC4ZPL-14 must suffer since the lack of a standard for converting MicE packets has flooded your local network with unnecessary and in some cases erroneous locations from his station.

Bill KC9XG

On Thursday, June 22, 2000 1:23 PM, hasan schiers [SMTP:schiers@netins.net] wrote:
> We were having the same problem with KC4ZPL-14, here in central Iowa. The
> local Igate, N0BKB is picking up from the internet and we were getting 15
> packets in a row all from the same station, over and over and over and over
> again. (ad nauseum). We have removed this station from the stations.txt list
> and the problem disappeared.
>
> Please don't take this to be a criticism of zpl....it may have absolutely
> nothing to do with him, but it idoes sound like it is connected to the
> problem mentioned w/r to ear-15 below.
>
> Our local network is relatively uncrowded. Lots of activity, just not busy
> all the time. With zpl-14 on, it was literally taking over the freq for 15
> or 20 sec at a time nearly every minute or two. When we stopped gating that
> call, I made some short observations and noticed that there are typically 25
> to 35 seconds of dead air each minute...obviously nice...yet quite active.
> 73
>
> hasan schiers, N0AN
> schiers@netins.net
>
> ----- Original Message -----
> From: Bill Diaz <billdiaz@megsinet.net>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Sent: Thursday, June 22, 2000 10:14 AM
> Subject: [htaprs] Duplicate MicE positions
>
>
> > Here is a sequence of locations that appeared on the Internet feed this
> > morning. 5 packets seem to be generated for every raw MicE packet
> transmitted
> > by KB2EAR-15. This sequence repeats about once a minute. APD212 dupes
> are not
> > being detected and this may be due to the asterisk appended to the
> originating
> > call sign. Other dupes are not detected due to differences in time
> stamps,
> > locations, and the formatting of information after the speed field.
> >
> > The Local RF channel would be swamped if several mobiles were sending MicE
> > packets at one minute intervals within the same RF coverage area as
> KB2EAR-15.
> > This would most likely happen during a special event, or disaster and
> could
> > render the local APRS network incapable of providing timely and accurate
> > information.
> >
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/
> > M1/Enroute...]"4B}
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.78Wv339/012/Mic-E/
> > M1/Enroute>

> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/
> > M1/Enroute...]"4B}
> > !kb2ear.aprs.net:IGATE
> >
> !KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221408z4026.90N/07423.79Wv339/012/E>dsy/M1
> > /Enroute...]"4B}
> > !second.aprs.net:IGATE
> >
> !KB2EAR-15>APK101,RELAY,KB2EAR-1*,WIDE:@221511z4026.90N/07423.78Wv339/012/Mi
> > c-E/M1/Enroute>
> >
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/
> > M1/Enroute...]"4A}
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221409z4027.20N/07423.95Wv338/008/Mic-E/
> > M1/Enroute>
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/
> > M1/Enroute...]"4A}
> > !kb2ear.aprs.net:IGATE
> >
> !KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221409z4027.21N/07423.95Wv338/008/E>dsy/M1
> > /Enroute...]"4A}
> > !second.aprs.net:IGATE
> >
> !KB2EAR-15>APK101,RELAY,KB2EAR-1*,WIDE:@221512z4027.20N/07423.95Wv338/008/Mi
> > c-E/M1/Enroute>
> >
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221410z4027.58N/07424.16Wv338/033/E>dsy/
> > M1/Enroute...]"4C}
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221410z4027.56N/07424.15Wv338/033/Mic-E/
> > M1/Enroute>
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221410z4027.58N/07424.16Wv338/033/E>dsy/
> > M1/Enroute...]"4C}
> > !second.aprs.net:IGATE
> >
> !KB2EAR-15>APK101,KB2EAR-1,N2MH-15*,WIDE:@221513z4027.56N/07424.15Wv338/033/
> > Mic-E/M1/Enroute>
> > !second.aprs.net:IGATE
> >
> !KB2EAR-15>APK,APS:@221410z4027.58N/07424.16Wv338/038/TM-D7/M1/ENROUTE]"4C}
> > A=000144
> >
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15*>APD212,RELAY,WIDE,WIDE:@221411z4028.01N/07424.44Wv329/039/E>dsy/
> > M1/Enroute...]"4;}
> > !kb2ear.aprs.net:IGATE
> >
> !KB2EAR-15>APRS,RELAY*,WIDE,WIDE:@221411z4028.01N/07424.44Wv329/039/E>dsy/M1
> > /Enroute...]"4;}
> > !165.230.133.74:WU2Z
> >
> !KB2EAR-15>APK101,RELAY*,WIDE,WIDE:@221411z4028.00N/07424.43Wv329/039/Mic-E/
> > M1/Enroute>
> > !165.230.133.74:WU2Z
> !KB2EAR-15>APD212,RELAY*,WIDE,WIDE:@221411z4028.01N/074
> > 24.44Wv329/039/E>dsy/M1/Enroute...]"4;}
> > !second.aprs.net:IGATE
> >
> !KB2EAR-15>APK101,KB2EAR-1*,WIDE,WIDE:@221514z4028.00N/07424.43Wv329/039/Mic
> > -E/M1/Enroute>
> >
> > Bill KC9XG
> >
> > ---
> > You are currently subscribed to htaprs as: SCHIERS@NETINS.NET

```
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

353. [htaprs] Re: net cycle time

```
From: Steve Bragg <steveb@skymaster.c2-tech.com>
Date: Thu, 22 Jun 2000 14:42:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92440-2000.06.22-14.44.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Dwight wrote:

>  Do you agree that a slow moving mobile driving on city streets has to
> beacon at a higher rate that a mobile on the interstate driving between
> cities to generate good tracks on the map?

If you're talking about timed beacons alone, absolutely.  On
interstate highways, the information rate is very low; mostly,
you're going straight. The beacon rate at low speeds has to
be a lot higher to effective communicate the vehicle's track.

A better way, though, is to use timed beacons in association
with "corner-pegging" beacons.  That is to say, beaconing
when a turn is made will produce a superior track at low
speeds than will a timed beacon alone.  In fact, that's why
I've designed the HamHUD device to operate just this way.

I wish that other APRS-type devices would implement this.  Is
it too much to hope for in a future TH-D7a upgrade? :-)

73,

Steve Bragg KA9MVA
---
    __ __ ___   ____  __  ____    _____
   / //_//   | / __ \/  |/  / |  / /   |
  / ,<  / /| |/ /_/ / /|_/ /| | / / /| |
 / /| |/ ___ |\__, / /  / / | |/ / ___ |
/_/ |_/_/  |_/____/_/  /_/  |___/_/  |_|
=====================================================
Steve Bragg KA9MVA    ka9mva@qsl.net   ICQ:29816109
HamHUD APRS Mobile Terminal: www.qsl.net/ka9mva/hamhud
Owasso, Oklahoma, USA EM27ac
Owasso Amateur Radio Club www.qsl.net/oarc

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

354. [htaprs] Re: net cycle time (was D700 transmit "problem")

```
From: Chris Arndt <carndt@slonet.org>
Date: Thu, 22 Jun 2000 12:53:50 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92446-2000.06.22-14.57.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Having had these questions myself, and reading the various threads here
and on the California list regarding beaconing rates, I think the
operative term here is "common sense". (Unfortunately, different people's
common sense sometimes lack a common denominator :-)).

Especially on a crowded network, it seems to me that beacon rate should be
set on an analysis of several other things; the unproto path you want to
use, the kind of roads you are on, the average speed you think you'll be
traveling, and the length of the trip.

Around town, once every few minutes or more might be OK. OTOH, on the
interstate or freeway, at 60 or 70 miles per hour, every minute might
work. I try to shoot for a posit per per mile or so. I really would like
to see adaptive stations that automatically change rate based on speed.
```

My commute is about 7 minutes, so even if I send a posit every minute, I'm
only putting a few packets out in one trip, and the D700 turns off with
the ignition.

That's not to say that there aren't special circumstances. When I tractor
mow, I sometimes take my D7 and GPS along, set the power low, the path to
my home station only, and the rate to 30 seconds. That's as quick as the
D7 will send. But I'm running really low power, and not being digipeated
anywhere.

My fixed stations, though, I set to beacon every few hours. I figure I'll
be seen by other fixed stations, and that's all I really care about. If I
was expecting a mobile to be using APRS to find my house, I'd speed up the
rate.

I know this isn't an easy answer to the newbie who just wants to have
someone tell him a pat answer to the posit rate question.

Maybe we could tell them something like "try to averge no more than one
posit per mile, and set your rate accordingly" or something like that.

Chris

On Thu, 22 Jun 2000, Hazen, Dwight L wrote:

>
>   Richard,
>
> I have a 20 min. drive to work, so a ten min cycle would not work at all
> for me. I would have one beacon when the radio is turned on (if the GPS was
> in lock yet, no likely) one ten minutes later and one more if I remembered
> to hit the beacon button just as I turned off the radio. So only one or two
> beacons would show up on the map. If I was in a bad RF zone during that time
> I might not show up at all. This is not what I wanted when I funded and
> built the internet gateway and wide digi in Bloomington Indiana.
>
> By building and maintain the Bloomington system and talking to hams on the
> voice repeaters on my way back and forth to work I have caused many hams to
> get interested in APRS (Two D700 and about Five D7's worth of interest) In
> fact I have two non-hams now studying for their licenses just because of
> seeing my mobile on the internet every day!
>
> I agree that stationary stations, like my house and my parked mobile beacon
> only every 30 min.
>
>
> Do you agree that a slow moving mobile driving on city streets has to
> beacon at a higher rate that a mobile on the interstate driving between
> cities to generate good tracks on the map?
>
>   Dwight
>
>
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
> Any time a fusion device sayeth, "Let there be light." bad things happen.
> >From the movie "Dark Star".
>
>
>
>
>
>
> > -----Original Message-----
> > From: Richard Carter [SMTP:rich.carter@windriver.com]
> > Sent: Wednesday, June 21, 2000 2:37 PM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: net cycle time (was D700 transmit "problem")
> >
> > I didn't write the spec. I assume that they did an analysis to determine
> > what kind of data rate the protocol will handle and based their net cycle
> > recommendation on that figure. I use their recommendation to set my
> > transmit interval to 10 minutes. If running at a significantly higer data
> > rate interferes with the operation of the net, then (the way I read it)
> > you

> > are in violation of FCC regulations. Though you could probably listen to
> > the frequency and get a good idea how busy it is running in your local
> > area,
> > you probably can't determine how far your repeated signal is being
> > transmitted. I doubt that you could determine if running a faster net
> > cycle
> > would cause interference. If you really need a higher update rate, then
> > you
> > are using the protocol for more than its intended purpose. Switching to a
> > private frequency for that purpose sounds like the proper thing to do.
> >
> > Kenwood set the default cycle time to 3-minutes. I find this odd, since
> > it
> > appears to violate the spec. Is everyone running at a 3-minute rep-rate?
> >
> > Perhaps someone from the APRS Spec group could provide their comments?
> >
> >
> > 73's
> > Rich - KE1EV
> >
> > -----Original Message-----
> > From: bounce-htaprs-14533@lists.tapr.org
> > [mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Steve Bragg
> > Sent: Wednesday, June 21, 2000 2:18 PM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: net cycle time (was D700 transmit "problem")
> >
> >
> > Sorry, folks, but I have to speak up on this one.
> >
> > Richard Carter wrote:
> >
> > > 2. The objective is to have a net cycle time of 10 minutes for local
> > use.
> > > This
> > > means that within 10 minutes of arrival on the scene, it is possible to
> > > captured the entire tactical picture.
> > > 3. All stations, even fixed stations, should beacon their position at
> > the
> > > net
> > > cycle time rate.
> >
> > Omigosh. Are you serious? This is surely NOT addressing GPS mobiles.
> > Otherwise, what's the point? Why even have a tracker if someone won't
> > even see you as you pass through their city?
> >
> > > I suggest that users who need to send position updates more frequently
> > > consider the impact of doing so. Though it may work fine in some
> > uncrowded
> > > areas, it may cause interference in other areas.
> >
> > It is most advisable only to transmit when there is something that has
> > changed. Your house doesn't move, so it should beacon at the net cycle
> > rate. Timed rate beaconing for mobiles sends information at the wrong
> > time, yielding excessive "spam" and a poor track at the same time.
> > Corner-pegging and distance-pegging are a much better way, but
> > unfortunately very few APRS versions/devices currently support them
> > (APRS+SA, HamHUD).
> >
> > > It my be advisable to use
> > > a private frequency, so as not to interfere with others.
> >
> > I hope this sentiment is not heeded by others, because it will 1)
> > fragment the APRS network, and 2) render precious assets such as
> > digipeters and IGATEs unusable.
> >
> > 73,
> >
> > Steve
> >
> > ---
> >   __ __ ___   ____ __ ____   _____
> >   / //_// | / __ \/ |/ / | / / / |
> >   / ,< / /| |/ /_/ / /|_/ /| | / / /| |
> >   / /| |/ ___ |__, / / / / | |/ / ___ |
> > /_/ |_/_/ |_/____/_/ /_/ |___/_/ |_|
> > ==
> > Steve Bragg KA9MVA   ka9mva@qsl.net   ICQ:29816109

> > HamHUD APRS Mobile Terminal: www.qsl.net/ka9mva/hamhud
> > Owasso, Oklahoma, USA EM27ac
> > Owasso Amateur Radio Club www.qsl.net/oarc
> >
> > ---
> > You are currently subscribed to htaprs as: rcarter@isi.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: hazen@indiana.edu
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

355. [htaprs] Re: net cycle time (was D700 transmit "problem")

From: "Richard Carter" <rich.carter@windriver.com>
Date: Thu, 22 Jun 2000 16:11:21 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92454-2000.06.22-15.14.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's not up to me to agree. I apparently sound as if I'm trying to police the airwaves, which is not my intention. I originally mentioned the 10 minute rate because of a thread relating to a quirk in the D700 when you try to key down during an APRS transmission. This has rarely happened to me because I use a 10 minute rate. When I sent my first reply to this thread, I assumed that I was helping someone avoid D700 problems because he/she had selected too short a transmit interval. The way I interpreted the spec, it seemed clear that the correct transmit interval is 10 minutes. I had assumed that this was based on some kind of analysis of expected network traffic. Perhaps I am taking the spec too literal.

Given that one position update repeats several times, and the very low data rate for the protocol, it is clear that it would be easy to overload the system. If my relatively rare position update doesn't get out due to collisions with other operators who chose a higher update rate, this would seem unfair to me. If someone chooses a very high update rate (the D700 can do 12 seconds), thereby flooding the network with their position, I would consider it malicious. At what rate saturation occurs would be hard to calculate. My guess is that if a half dozen users in one area selected update rates of a half-minute or less, they would start to overload the net. Given that position reports are repeated, are we not talking about a pretty big area? If someone else wants to take a crack at the calculations, please do so. APRS is becoming very popular. It is only a matter of time before this becomes an issue. If the spec authors really didn't mean 10 minutes, then what did they mean?

regards
Rich

-----Original Message-----
From: Hazen, Dwight L [mailto:hazen@indiana.edu]
Sent: Thursday, June 22, 2000 3:08 PM
To: 'Richard Carter'; TAPR Hot Technology APRS
Subject: RE: [htaprs] Re: net cycle time (was D700 transmit "problem")

Richard,

I have a 20 min. drive to work, so a ten min cycle would not work at all for me. I would have one beacon when the radio is turned on (if the GPS was in lock yet, no likely) one ten minutes later and one more if I remembered to hit the beacon button just as I turned off the radio. So only one or two beacons would show up on the map. If I was in a bad RF zone during that time I might not show up at all. This is not what I wanted when I funded and built the internet gateway and wide digi in Bloomington Indiana.

By building and maintain the Bloomington system and talking to hams on the voice repeaters on my way back and forth to work I have caused many hams to get interested in APRS (Two D700 and about Five D7's worth of interest) In fact I have two non-hams now studying for their licenses just because of seeing my mobile on the internet every day!

I agree that stationary stations, like my house and my parked mobile beacon only every 30 min.

Do you agree that a slow moving mobile driving on city streets has to beacon at a higher rate that a mobile on the interstate driving between cities to generate good tracks on the map?

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
Any time a fusion device sayeth, "Let there be light." bad things happen.
>From the movie "Dark Star".

snip...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

356. [htaprs] Weather Stations

From: CommSupport@aol.com
Date: Thu, 22 Jun 2000 16:54:50 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92456-2000.06.22-15.58.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This may be a bit off topic, so please forgive me. I am wondering what is the most popular weather station. Need something to provide info to the fire service out it the field.
Thanks for the help.
Dan KE6RZA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

357. [htaprs] SUNSAT APRS Digipeater

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 22 Jun 2000 17:36:52 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>,
TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-92463-2000.06.22-16.40.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

NEWS FLASH (MAYBE)

In preparation for possible 1200 baud standard APRS for fielday, there will be a test tonight of SUNSAT at these times (I hope I predicted these right!):

PDT	CDT	EDT
		1843 (very low to east, even on east coast)
	1921	2021
1900	2100	2200
2040	2240	

Just use NORMAL APRS but tune to the 145.825 downlink 1200 baud.
If you have a dual band rig, then TRANSIT on 436.280, .285, .290, .295, .300 as the pass progresses.

Do NOT hog it. SHorten your packets.
Use the path of VIA SUNSAT

This should be FUN!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

358. [htaprs] Weather Stations

From: CommSupport@aol.com
Date: Thu, 22 Jun 2000 18:57:25 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92474-2000.06.22-18.01.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Boy, great response. We support the County fire department with
communications on large fires and other major incidents. We need a station
for our Comm Support Unit in the field, but use for APRS would be good also.
Thanks again for all of your help.
Dan

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

359. [htaprs] returned my th-d-7 for upgrade

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 22 Jun 2000 17:28:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92487-2000.06.22-19.30.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

well...its outta here to california kenwood for the aprs upgrade.

also......i plan on buying the new thd 700a over at AES las vegas friday.

i sent my tm-241a vhf back in for repair, but i am also going to buy a new
tm-261 to keep in my shack.

looking forward to the THD 700a

73
find me on a map! go to http://maps.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

360. [htaprs] TH-D 700 A sig

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 22 Jun 2000 17:30:01 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92488-2000.06.22-19.31.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

is this the place where we stay for sig on thd7 and th d 700A?

or is there a seperate sig for the 700a

steve scott
kd8s las vegas

find me on a map! go to http://maps.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

361. [htaprs] Re: TH-D7A (G) Internet Messaging

From: Jon Ogden <jono@enteract.com>
Date: Thu, 22 Jun 2000 20:02:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92498-2000.06.22-20.03.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/22/00 8:58 AM, Don DeJarnette at ddej@gsa.state.al.us wrote:

> Bob Bruninga mentions on his ASTARS page that Internet messaging is available
> via satellite.
>
> Is it also available on terrestrial APRS ??

Most DEFNINITELY! In fact, the satellite stuff is linked into the
terrestrial stuff.

>
> I attempted to send an E-Mail message to myself. I addressed it to "EMAIL"
> with my E-Mail address listed first in the text line. I had a good connect
> with the national net (my station and icon were displayed on the APRS.net). I
> never received the message.
>
> We are just getting started here in western Alabama with APRS and are trying
> to "learn the ropes".

Well, first of all, you need an iGate in your area that can hear your
packets. You said that you could see your icon on the "APRS.net" so I am
assuming your home station at least is in earshot of an iGate.

I am not sure but I think the iGate has to be enabled to forward the e-mail.
Don't quote me on it. That may be incorrect.

Lastly, the system IS hit or miss right now. Your packet has to be heard by
the iGate, then it has to make it up to the EMAIL server connected up to one
of the Sproul brothers computers in NJ. If all is well and the e-mail
server is up and running, it will then get the message out into the
internet.

It seems to work about 50% to 75% of the time.

I hope this helps. Keep trying.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

362. [htaprs] TH-D7A(G) Turnaround

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Thu, 22 Jun 2000 21:46:36 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92503-2000.06.22-20.58.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those on the SIG who'd like to know the turnaround on the upgrade of
my D7 was 8 days.

I sent it to the Va Bch Service Cntr on 6/14 and got it back today 6/22.

Works as advertised.

George W3GP

By the way the shipping charge was 8.75 in my case (Dayton OH)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

363. [htaprs] RE: TH-D7A(G) Turnaround

From: "Walter Holmes" <walterh@houston-intranet.com>
Date: Thu, 22 Jun 2000 22:06:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92508-2000.06.22-22.10.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine was 8 days as well. But with overnight shipping both ways.

Walter/K5WH

-----Original Message-----
From: bounce-htaprs-7210@lists.tapr.org
[mailto:bounce-htaprs-7210@lists.tapr.org] On Behalf Of George S.
Pappayliou
Sent: Thursday, June 22, 2000 8:47 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] TH-D7A(G) Turnaround

For those on the SIG who'd like to know the turnaround on the upgrade of
my D7 was 8 days.

I sent it to the Va Bch Service Cntr on 6/14 and got it back today 6/22.

Works as advertised.

George W3GP

By the way the shipping charge was 8.75 in my case (Dayton OH)

You are currently subscribed to htaprs as: k5wh@houston-intranet.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

364. [htaprs] Kenwood D7 (G) upgrade info

From: Darrell Hale <halehome@home.com>
Date: Thu, 22 Jun 2000 23:32:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92510-2000.06.22-22.34.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I shipped the radio by UPS Ground on Friday the 9th. UPS reported delivery
in Virginia on Monday the 12th.

On Monday 6/19 I called the shop to ask about a status, and was told that
the unit was received but had not yet been assignd to a technician. But the
assignment should happed "by the end of the week".

On Tuesday 6/20 UPS sent an email notifying me that the unit had been
received for shipping, and the radio was delivered to my door on Wednesday
6/21. That made for a total turnaround of just under two weeks. I'm happy.

Don't know if the call about the upgrade status affected the almost
immediate turnaround from that point on.

Kenwood ended up billing $68.75 ($60 + $8.75) plus the $5.35 I spent to ship
to the service center for a total upgrade cost of $74.10.

All I got in the return box was the radio, a reciept, and a notice about how
to inspect for and report damage. Nothing about available software.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

365. [htaprs] New Alinco APRS radio?

From: "Höller, Wolf-Dieter" <Wolf.Hoeller@fw.oebb.at>
Date: Fri, 23 Jun 2000 08:19:24 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92550-2000.06.23-01.23.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks!

Can anyone tell something about the new ALICO APRS able radio ?
Parhaps a model number or a URL ?

Thanks

73 de Wolf

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

366. [htaprs] Subject: Re: Continued GPS and 'G woes...

From: Paul Jacques <PaulJ@minimed.com>
Date: Fri, 23 Jun 2000 05:12:36 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92580-2000.06.23-07.17.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Chris,
I'm running mine with 3, 1.5V batteries, maybe that is the problem.
I think
5.5 volts is max. The batteries and the TH-7A work great for portable use
but with
the D700, a regulator (5.5V) in a cigarette lighter plug and the Pharos GPS
would be an
acceptabable combination for in the car.

Thanks,
Paul
WB6IWT

>Paul, I run my Pharos GPS at a constant 5.5 volts, and it works fine with
both
>the D7 and the D700.

>>From: Paul Jacques <PaulJ@minimed.com>
>> I noticed that my Pharos GPS works with my TH-7A but not with my
>>D700. In this case it might have something to do
>>with the operating voltage level (RS232 levels). I might try running it at
a
>>slightly higher battery voltage to see what happens.
>>
>>Paul
>>WB6IWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

367. [htaprs] Kenwood TH-D7A(G) Upgrade Winner

From: Larry McDavid <lmcdavid@lmceng.com>
Date: Fri, 23 Jun 2000 05:31:11 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92586-2000.06.23-07.35.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are we tired of hearing of upgrade successes? The overwhelming opinion
seems to be enthusiastic; mine, too.

I live local to the west coast Kenwood repair center, so I brought my HT
in Friday at noon. They phoned next Monday noon to tell me the unit was
ready. I had an upgrade certificate from Dayton (yes, I had actually not
brought my HT to Dayton!). Kenwood provided the upgrade and new manual
free. No shipping charges and only some gas for driving perhaps 15
miles.

Is this great service? Thanks, Kenwood!
--
Best wishes,

Larry McDavid W6FUB
Anaheim, CA (20 miles southeast of Los Angeles, near Disneyland)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

368. [htaprs] Re: New Alinco APRS radio?

From: "John Taylor, KC2JO" <kc2jo@brick.net>
Date: Fri, 23 Jun 2000 07:34:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92587-2000.06.23-07.38.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The model number is DR-135TP and the url is www.alinco.com hope this helps.
73

----- Original Message -----
From: Höller, Wolf-Dieter <Wolf.Hoeller@fw.oebb.at>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, June 23, 2000 1:19 AM
Subject: [htaprs] New Alinco APRS radio?

> Hi folks!
>
> Can anyone tell something about the new ALICO APRS able radio ?
> Parhaps a model number or a URL ?
>
> Thanks
>
> 73 de Wolf

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

369. [htaprs] Re: New Alinco APRS radio?

From: William Schafer <schaferbs@mail.riverview.net>
Date: Fri, 23 Jun 2000 09:35:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-92597-2000.06.23-08.39.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Wolf-Dieter: It is the DR-135. It has not yet been released for sale in
the US. You can see it on the Alinco Home Page at http://www.alinco.com
Hope this helps.   73 de KC8DRE Bill

>
>Can anyone tell something about the new ALICO APRS able radio ?
>Parhaps a model number or a URL ?
>
>Thanks
>
>73 de Wolf
>
>
>---
>You are currently subscribed to htaprs as: schaferbs@mail.riverview.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

370. [htaprs] UO-22 THIS MORNING (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 23 Jun 2000 09:37:45 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92599-2000.06.23-08.42.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

---------- Forwarded message ----------
Date: Fri, 23 Jun 2000 00:22:17 -1300
From: pedro perez <papac@mixmail.com>

Hi Bob:
This morning in the 8:10am pass of UO-22 (28 degrees
max elev.), I worked APRS digipeating with my D7A(G)
and a dual band whip (MFJ 1717) INDOOR!!!
"MY POSITION" appeared many times in the display when
I transmitted my signal.It demonstrates that this is a
very reliable message system!
Also, I have a little question. Can I send shorts E-
mails via APRS network? If it is possible, how can do
it with my D7? (I have seen your web page and I think
it is possible).
SINCERELY. Pedro, EB4DKA.(EL97TP)

Yes, just send an APRS mesage to EMAIL and in the message make the first
word of the message be the full email address. Thus you are limited to a
very short message of what remains on the line...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

371. [htaprs] Re: TH-D7A (G) Internet Messaging

From: "Stephen M. King" <frastephen@home.com>
Date: Fri, 23 Jun 2000 10:25:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92611-2000.06.23-09.29.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:02 PM 06/22/2000 -0500, Jon Ogden wrote:
>on 6/22/00 8:58 AM, Don DeJarnette at ddej@gsa.state.al.us wrote:
>
>> Bob Bruninga mentions on his ASTARS page that Internet messaging is
available
>> via satellite.
>>
>> Is it also available on terrestrial APRS ??
>
>Most DEFNINITELY! In fact, the satellite stuff is linked into the
>terrestrial stuff.
>
>>
>> I attempted to send an E-Mail message to myself. I addressed it to "EMAIL"
>> with my E-Mail address listed first in the text line. I had a good connect
>> with the national net (my station and icon were displayed on the
APRS.net). I
>> never received the message.
>>
>> We are just getting started here in western Alabama with APRS and are
trying
>> to "learn the ropes".
>
>Well, first of all, you need an iGate in your area that can hear your
>packets. You said that you could see your icon on the "APRS.net" so I am
>assuming your home station at least is in earshot of an iGate.
>
>I am not sure but I think the iGate has to be enabled to forward the e-mail.
>Don't quote me on it. That may be incorrect.

>
>Lastly, the system IS hit or miss right now. Your packet has to be heard by
>the iGate, then it has to make it up to the EMAIL server connected up to one
>of the Sproul brothers computers in NJ. If all is well and the e-mail
>server is up and running, it will then get the message out into the
>internet.
>
>It seems to work about 50% to 75% of the time.

And if it works you get a confimration message back to you telling you that
the email was sent. A great service!

>
>
>I hope this helps. Keep trying.
>
>73,
>
>Jon
>NA9D
>
>
>-------------------------------------
>Jon Ogden
>NA9D (ex: KE9NA)
>
>Member: ARRL, AMSAT, DXCC, NRA
>
>http://www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."
>
>
>---
>You are currently subscribed to htaprs as: frastephen@home.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

372. [htaprs] Re: New Alinco APRS radio?

From: Cliff Uyeda <cuyeda@ix.netcom.com>
Date: Fri, 23 Jun 2000 10:11:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92630-2000.06.23-12.16.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Read the information again! ;-)

"NTERNAL TNC FOR PACKET AND APRS"

This radio does not have the built-in APRS software and or the DX Packet
Cluster software like the Kenwood radios.

At 07:34 AM 6/23/00 -0500, John Taylor, KC2JO wrote:
>The model number is DR-135TP and the url is www.alinco.com hope this helps.
>73
>
>
>----- Original Message -----
>From: Höller, Wolf-Dieter <Wolf.Hoeller@fw.oebb.at>
>To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
>Sent: Friday, June 23, 2000 1:19 AM
>Subject: [htaprs] New Alinco APRS radio?
>
>
> > Hi folks!
> >
> > Can anyone tell something about the new ALICO APRS able radio ?
> > Parhaps a model number or a URL ?
> >
> > Thanks
> >
> > 73 de Wolf

>
>
>
>---
>You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

373. [htaprs] Re: New Alinco APRS radio?

From: "John Taylor, KC2JO" <kc2jo@brick.net>
Date: Fri, 23 Jun 2000 12:47:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92632-2000.06.23-12.50.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry if you thought I said it did, I was just passing on the info he was
looking for.
----- Original Message -----
From: Cliff Uyeda <cuyeda@ix.netcom.com>
To: John Taylor, KC2JO <kc2jo@brick.net>; TAPR Hot Technology APRS
<htaprs@lists.tapr.org>
Sent: Friday, June 23, 2000 12:11 PM
Subject: Re: [htaprs] Re: New Alinco APRS radio?

> Read the information again! ;-)
>
> "NTERNAL TNC FOR PACKET AND APRS"
>
> This radio does not have the built-in APRS software and or the DX Packet
> Cluster software like the Kenwood radios.
>
>
> At 07:34 AM 6/23/00 -0500, John Taylor, KC2JO wrote:
> >The model number is DR-135TP and the url is www.alinco.com hope this
helps.
> >73
> >
> >
> >-----Original Message-----
> >From: Höller, Wolf-Dieter <Wolf.Hoeller@fw.oebb.at>
> >To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> >Sent: Friday, June 23, 2000 1:19 AM
> >Subject: [htaprs] New Alinco APRS radio?
> >
> >
> > > Hi folks!
> > >
> > > Can anyone tell something about the new ALICO APRS able radio ?
> > > Parhaps a model number or a URL ?
> > >
> > > Thanks
> > >
> > > 73 de Wolf
> >
> >
> >
> >---
> >You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

374. [htaprs] TH-D7 to Garmin Wiring Diagram

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Fri, 23 Jun 2000 13:00:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92633-2000.06.23-13.03.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have the correct wiring diagram from the Kenwood cable to the Garmin connector.

I tried the KG7IL diagram and it was incorrect (the red wire connects to ring, not tip as shown).

73 de Don DeJarnette KC4YRT

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)

375. [htaprs] Re: TH-D7 to Garmin Wiring Diagram

From: David Kovar <kovar@WebNexus.COM>
Date: Fri, 23 Jun 2000 11:11:12 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-92635-2000.06.23-13.15.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning,

I used the following page to hook up my D7A(G) to my Garmin 12 the other night.

http://kg7il.foxinternet.net/ham/aprs/45xl-d7a.htm

This is the same page you looked at, and it worked for me. I just used the
cable that came with the D7A, which wasn't the best quality but had the
right tip on it. If I remember correctly, the white wire was yellow coming
out of the Garmin cable.

I clipped the conector off of a Garmin data cable to make mine.

-David

> Does anyone have the correct wiring diagram from the Kenwood cable to =
> the Garmin connector.
>
> I tried the KG7IL diagram and it was incorrect (the red wire connects to =
> ring, not tip as shown).
>
> 73 de Don DeJarnette KC4YRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

376. [htaprs] TH-D7 Wiring Diagram

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Fri, 23 Jun 2000 13:35:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92637-2000.06.23-13.39.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all for the help !!!!

73 de KC4YRT
Don DeJarnette

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)

377. [htaprs] Re: New Alinco APRS radio?

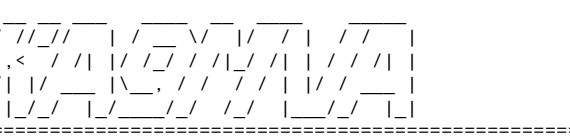
From: Steve Bragg <steveb@skymaster.c2-tech.com>
Date: Fri, 23 Jun 2000 13:52:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92638-2000.06.23-13.55.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cliff Uyeda wrote:
>
> Read the information again! ;-)
>
> "NTERNAL TNC FOR PACKET AND APRS"
>
> This radio does not have the built-in APRS software and or the DX Packet
> Cluster software like the Kenwood radios.

However, the simple addition of a HamHUD to this radio would make it a
full-function APRS-type station.

73

Steve



Steve Bragg KA9MVA ka9mva@qsl.net ICQ:29816109
HamHUD APRS Mobile Terminal: www.qsl.net/ka9mva/hamhud
Owasso, Oklahoma, USA EM27ac
Owasso Amateur Radio Club www.qsl.net/oarc

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

378. [htaprs] net cycle time

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Fri, 23 Jun 2000 16:02:11 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92643-2000.06.23-15.04.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rich ke1ev wrote:

> ...Two minutes sounds too frequent...
> ...the proper transmission interval
> should be more like 10 minutes,
> otherwise you will flood the net...

You're probably right about 2 min being
too frequent, for a lot of areas.

What may be appropriate for my local area
might not work at all in yours. My nation
wide travels continue to prove...

Each APRS Region is Different!

2 minutes wouldn't bother Rex (the only
aprs head in Montana) at all...;-)

lumpy n0eq

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

379. [htaprs] Sunsat digital and voice enabled

From: "Johann Lochner" <lochner@ing.sun.ac.za>
Date: Fri, 23 Jun 2000 22:17:02 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92645-2000.06.23-15.20.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks,

The flight software has changed quite a bit over the past two weeks,
causing us to experience the teething problems of earlier this year
all over again. A safety mechanism, which ensures transmitter
shutdown, was left enabled inadvertently. It disabled digipeating
after our final evening pass yesterday. Imagine trying to operate
your rig when all knobs change function every few days. ;-)

Sunsat's digital and voice modes will be active until June 25, 16:00
UTC. In its digital mode no bulletins or telemetry is transmitted.
Digipeat via SUNSAT or APRSAT. The uplink is 436.291 MHz (both 1k2
and 9k6), the downlink 145.825 MHz (only 1k2 this time around). The
weekend schedule for the voice passes is as follows (times are UTC):

Australasia	24/6 08:18
Japan	24/6 09:38
South-Eastern Asia	24/6 11:22
Southern Africa	24/6 16:37
Europe	24/6 17:55
South America	24/6 23:10

North America   25/6 02:17

Please provide feedback on whether digipeating was successful. We
are busy with other experiments at this stage and did not have the
opportunity to verify that Sunsat switches back to digital after a
voice pass. For what it's worth, I got digipeated tonight, using a
Kenwood TH-D7A, with Sunsat at 3 degrees elevation!

Kind regards,
Johann, ZR1CBC

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  e-pos: lochner@ing.sun.ac.za
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

380. [htaprs] Newbie : APRS Questions / Comments

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Fri, 23 Jun 2000 17:33:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92651-2000.06.23-16.35.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Joe Cram wrote:
> I'm looking for good information on getting
> started in APRS and Packet Radio...

You've posed a good bunch of questions. I'll
confine my comments to your questions re:

> ...I have not found any good explanations
> on routing or UNPROTO statements...

I always suggest the best way to discover what
UI path works well for your individual area
is to experiment. It might take a few days
but you will likely have a cleaner (less dupes)
output and cause less congestion if you take
the time to experiment. Besides NO ONE else
can tell you what your best path should be.
It is different for you than it is for a
ham 6 blocks away.

To experiment, let's first take for granted that
the experimenter knows the basics of using the
terms RELAY, WIDE, WIDEn-n. TRACE and TRACEn-n.

I begin experimenting in a new location by setting
my path to something like TRACE3-3 and let the
station run for a while. Make some contacts, ping
some stations, 'play' the software for a while.

Then examine your send/received packets. You'll begin
to see the local digi that appears biggest/strongest.
Once you know that, substitute that digi call sign for
the first place in your UI path. ie start with -
TRACE5-5 then modify to
K5XXX-5,TRACE4-4 (K5XXX-5 is a made up call, of course).

Now your path will hit K5XXX-5 first. Examine your in/outgoing
packets and messages and if you can see a second digi that
seems to be a logical choice for the second digi hop,
substitute that digi for the second place. ie
K5XXX-5,K5YYY-5,TRACE3-3.

Once you think you have discovered a logical path,
replace the TRACE statement with WIDE. ie
K5XXX-5,K5YYY-5,WIDE3-3 (wide results in shorter
packets than trace).

If your area doesn't support TRACEn-n then you can use
other generic calls like WIDE etc.

The end result would theoretically be a path with one

or more 'real' call signs in the path, perhaps ended
with something like WIDE or WIDEn-n.

MOST IMPORTANT to remember, I think...APRS systems and
local networks vary immensely from one area to the next.
An approach that works perfectly in one area might really
suck in the next area. They're all different.

lumpy n0eq - Seeing the USA, One Digi at a Time
--
The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

381. [htaprs] Re: net cycle time

From: "Lumpy" <lumpy@digitalcartography.com>
Date: Fri, 23 Jun 2000 17:46:22 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92652-2000.06.23-16.48.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Carter wrote:

> ...I originally mentioned the 10 minute rate...
> ...The way I interpreted the spec, it seemed clear
> that the correct transmit interval is 10 minutes...
> ...Perhaps I am taking the spec too literal...

Richard, I suggest you are reading the spec backwards.
The spec suggests that if we were to set up a tactical
APRS station, we should be able to get a good local
picture WITHIN 10 minutes. That suggests that all
relevant stations should beacon AT LEAST 10 min
OR FASTER. I don't think the spec is suggesting
at all that mobile beacons should be set to
10 minutes. ie 1 posit Q/10 min would be
the SLOWEST beacon rate.

In our fairly busy network (the eastern slope
of the Rocky Mtns) mobiles may run 2-3 min
posit beacons with no damage to the system.
Our bases tend to have reasonably long timing
(20min, 30min, 1hr), the WX stations seem to
have the longest and that all tolerates
frequent mobiles with ease.

Experimenting is the best way (IMHO) to
discover what works in your local area.

lumpy n0eq
--
The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

382. [htaprs] FM Satellites

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 23 Jun 2000 17:44:42 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92654-2000.06.23-16.49.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a one line summary of currently active FM birds that you can
receive on your Mobile FM rig and mobile vertical whip antenna.
New items:
 1) SUNSAT is enabled for 1200 baud APRS UI Digipeating except
    during Voice passes.

SAT	DOWNLNK	UPLINK	S	MODE	COMMENTS
MIR	145.985	145.985	9	S FM crew voice	Off

```
UO11  145.825         4 R FM Bell202 ASCII Telemetry only
UO14  435.070 145.975 5 J FM Voice rptr    lots of fun every pass
AO27  436.795 145.850 3 J FM Voice rptr    days only but fun
SO35  145.825 436.290 8 B FM Voice rptr    On once a day
SO35  145.825 436.290 8 B 1200 bd AFSK     APRS Digipeating
UO22  435.120 145.900 3 J 9600 bd FSK BBS  ON
KO23  435.170 145.900 4 J 9600 bd FSK BBS  ON usually
KO25  436.500 145.980 3 J 9600 bd FSK BBS  ON
TO31  436.925 145.925 5 J 9600 bd FSK DATA ON downlinks images

* If you dont hear it, then DONT TRANSMIT!  EIther the bird is dead
  or your station is deaf.  Don't embarass yourself and QRM everyone.

Between the hours of about 6 AM to noon and 6 PM to midnight local SUN
time there is usually one of these birds in view for a few minutes to keep
you entertained while traveling.  UHF requires +/- 5 or 10 KHz Doppler
tuning.  The "S" column is a subjective signal strength assessment.  A
20" vertical whip in the center of your car roof  will give you success as
shown below.  This acts as a 3/4 wave on UHF giving almost 8 dBi above
30 degrees over a good groundplane for the UHF downlink birds.  For
SUNSAT which operates mode B with a stronger 2m downlink and your 50 watt
mobile uplink, a normal dual-band mobile antenna will do better closer
to the horizon.
                                              SIG RECEIVE RANGE
USING THE 20" WHIP FOR MODE J PACSATS:        --- ------------------
As a rough approximation consider this table   9  Horizon to Horizon
which  I have subjectively  determined after   8  5  deg and above
3 months  of daily monitoring. Home stations   7  10 deg and above
with 50' of RG 8  should subtract abt 3 from   6  15 deg and above
the signals and 5/8  or dual band, or "gain"    5  20 deg and above
antennas  should also subtract about 2.        4  25 deg and above
                                               3  30 deg and above
The PACSATs  do not  officially digipeat  UI   2  3 ele beam required
packets,  but  you can still  see status and    1  6 ele beam required
telemetry and the USER lists on your Kenwood
data radios or any radio with 9600 baud TNC.  For more info on mobile
satellite operations see http://web.usna.navy.mil/~bruninga/astars.html

Errors, omissions, corrections welcome.  I will re-post this when ever I
hear of changes in status.  For more detail, of course, read the AMSAT
News Service bulletins and AMSAT WEB pages http://www.amsat.org

de WB4APR, Bob


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

383. [htaprs] Kenwood Software and support files

```
From: Kenwood Customer Care <cuyeda@ix.netcom.com>
Date: Fri, 23 Jun 2000 17:02:44 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92668-2000.06.23-19.08.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

To Kenwood Customers:

Here are some file links that were just uploaded to Kenwood's ftp site.

Here it is! The TH-D7A(G) version software is now available for download.
Please note that this version ONLY works with the new upgraded (G) version.
Release versions may allow both formats in the future. Please report any
bugs or problems to Kenwood.
ftp://ftp.kenwood.net/SOFTWARE/THD7A%28G%29/

There is a new TM-D700A software release ver. 1.00 available.
ftp://ftp.kenwood.net/SOFTWARE/TMD700A/

New TH-D7A(G) owners manual for download.
ftp://ftp.kenwood.net/Amateur/Instruction%20Manuals/THD7A%28G%29.pdf

TH-D7A(G) new feature lists.
  ftp://ftp.kenwood.net/Amateur/Instruction%20Manuals/THD7A_THD7A%28G%29_Compasion.pdf

Kenwood Communications Corp.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

384. [htaprs] APRStk

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Fri, 23 Jun 2000 20:08:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92669-2000.06.23-19.08.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do you have APRStk get the Sat. info relayed on APRS
Just down loaded version K11 and was wanting to use it for field day.
Thanks
Ron AB8DT

385. [htaprs] Re: Kenwood D7 (G) upgrade info

From: "Eric A. Cottrell" <eac@shore.net>
Date: Fri, 23 Jun 2000 19:30:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92670-2000.06.23-19.33.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Darrell Hale wrote:
>
> I shipped the radio by UPS Ground on Friday the 9th. UPS reported delivery
> in Virginia on Monday the 12th.
>
> On Monday 6/19 I called the shop to ask about a status, and was told that
> the unit was received but had not yet been assignd to a technician. But the
> assignment should happed "by the end of the week".
>
> On Tuesday 6/20 UPS sent an email notifying me that the unit had been
> received for shipping, and the radio was delivered to my door on Wednesday
> 6/21. That made for a total turnaround of just under two weeks. I'm happy.
>
> Don't know if the call about the upgrade status affected the almost
> immediate turnaround from that point on.

Hello,

Well my radio was sent off on friday, June 2, and received on June 6. I called
up for status last friday (2 week point) and it was still on the shelf. When
I called up today (3 week point) a tech was looking at it. The person I
talked to had no idea when it will be finished. I hope it will be shipped
back next week sometime.

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

386. [htaprs] Re: New Alinco APRS radio?

From: Jon Ogden <jono@enteract.com>
Date: Fri, 23 Jun 2000 20:05:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92671-2000.06.23-20.06.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/23/00 12:11 PM, Cliff Uyeda at cuyeda@ix.netcom.com wrote:

> "NTERNAL TNC FOR PACKET AND APRS"
>
> This radio does not have the built-in APRS software and or the DX Packet
> Cluster software like the Kenwood radios.

That is correct. I took a look at it at Dayton. Basically, it's a radio
with a TNC built in. That's about it. You feed the GPS data into the port
in the front. But in order to set up the radio to beacon, etc. you need to
connect a computer up to the serial port on the rear of the radio. Then you
program up your TNC just like you would any other TNC. Once done, remove
the computer and you have a dumb tracker in one package.

It's not a bad radio and it certainly is a lot cheaper than a TM-D700A.
However, I don't know if you can beat a TM-D700A for a mobile APRS set up.
There is nothing quite like it. And you get a second band to boot (the
Alinco is 2m only).

If you want the features of a TM-D700A or TH-D7G, the Alinco is not a cheap
alternative. If you want a dumb tracker in a small, convenient package,
then think about the Alinco.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

387. [htaprs] Re: Kenwood Software and support files

From: Jon Ogden <jono@enteract.com>
Date: Fri, 23 Jun 2000 20:10:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92674-2000.06.23-20.11.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/23/00 7:02 PM, Kenwood Customer Care at cuyeda@ix.netcom.com wrote:

> There is a new TM-D700A software release ver. 1.00 available.
> ftp://ftp.kenwood.net/SOFTWARE/TMD700A/

I just went to the site. The TM-D700A software is still the Beta version.
Perhaps I jumped to soon?

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

388. [htaprs] SUNSAT report!

From: "Stephen M. King" <frastephen@home.com>
Date: Fri, 23 Jun 2000 21:39:03 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92676-2000.06.23-20.43.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been sending out APRSDATA for a while now and decided now was the time
to actually monitor one of these birds!

Caught the SUNSAT pass this evening and caught three stations here in NJ:

WB4APR-9
N4ZQ
N3KTP-3

I was very impressed by the signals through a cheapie MFJ magmount on the
car roof into my D7A. I even caught a few packets with the supplied rubber
duck/dummy load!

Now if I can figure out how to make this thing uplink...

73,
Stephen
KD3OG
APRSDATA for Philly...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

389. [htaprs] Re: APRStk

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 23 Jun 2000 21:52:17 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92678-2000.06.23-20.56.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 23 Jun 2000, Ron Karger AB8DT wrote:

> How do you have APRStk get the Sat. info relayed on APRS
> Just down loaded version K11 and was wanting to use it for field day.
> Thanks
> Ron AB8DT

Read APRStk.TXT in the readme directory. Everythig should be there..
bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

390. [htaprs] SUNSAT Works!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 23 Jun 2000 22:06:24 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92681-2000.06.23-21.10.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

During tonight's passes and hopefully some on FIeld Day, SUNSAT is in 1200
baud AX.25 packet mode for UI digipeating (No connects please!). ANyone
with a TNC and 2m FM radio can receive SUNSAT downlink on 145.825.
If you run APRS software then you will see everyone plotted on the map and
capture all messages. Otherwise just operate in dumb terminal mode.

TO transmit, uplink 1200 baud AFSK on 436.280 at AOS and then move up
through 436.290 in cener of pass and ending at 436.300 at LOS. DIgipeat
via the path of SUNSAT or APRSAT.

Once you see yourself in the downlink a few times, BACKOFF and let
someone else in... Everyone else will have captured you too...

de WB4APR, Bob

Forwarded message
---------- Date: Fri, 23 Jun 2000 21:39:41 -0400
From: Stephen M. King <frastephen@home.com>
Subject: [aprssat] SUNSAT report!

Caught the SUNSAT pass this evening and caught three stations here in NJ:

WB4APR-9
N4ZQ
N3KTP-3
KB0VBZ-14 (at west end of pass)
I was very impressed by the signals through a cheapie MFJ magmount on the
car roof into my D7A. I even caught a few packets with the supplied rubber
duck/dummy load!

Now if I can figure out how to make this thing uplink...

73,
Stephen
KD3OG

APRSDATA for Philly...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

391. [htaprs] Re: TH-D7 to Garmin Wiring Diagram

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Fri, 23 Jun 2000 22:21:53
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92685-2000.06.23-22.25.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In connecting the Garmin GPS-35 PC (with DB-9 connector) to my D700, the
tip and ring are reversed in Kenwood's documentation for the PG-4W cable.
You have to use a null modem adapter!

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

392. [htaprs] Re: FM Satellites

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Fri, 23 Jun 2000 23:13:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92690-2000.06.23-23.17.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

AO-16, LO-19, and IO-26 are other good APRS birds if you
have a PSK modem.

See you on Field Day!

73's,

Tim - N8DEU

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Friday, June 23, 2000 4:46 PM
Subject: [htaprs] FM Satellites

>Here is a one line summary of currently active FM birds that you can
>receive on your Mobile FM rig and mobile vertical whip antenna.
>New items:
> 1) SUNSAT is enabled for 1200 baud APRS UI Digipeating except
>   during Voice passes.
>
>SAT   DOWNLNK UPLINK S MODE   COMMENTS
>---- ------- ------- - ------------------ ----------------------------
>MIR   145.985 145.985 9 S FM crew voice   Off
>UO11 145.825   4 R FM Bell202 ASCII Telemetry only
>UO14 435.070 145.975 5 J FM Voice rptr   lots of fun every pass
>AO27 436.795 145.850 3 J FM Voice rptr   days only but fun
>SO35 145.825 436.290 8 B FM Voice rptr   On once a day
>SO35 145.825 436.290 8 B 1200 bd AFSK   APRS Digipeating
>UO22 435.120 145.900 3 J 9600 bd FSK BBS ON
>KO23 435.170 145.900 4 J 9600 bd FSK BBS ON usually
>KO25 436.500 145.980 3 J 9600 bd FSK BBS ON
>TO31 436.925 145.925 5 J 9600 bd FSK DATA ON downlinks images
>
>* If you dont hear it, then DONT TRANSMIT! EIther the bird is dead
> or your station is deaf. Don't embarass yourself and QRM everyone.
>
>Between the hours of about 6 AM to noon and 6 PM to midnight local SUN
>time there is usually one of these birds in view for a few minutes to keep
>you entertained while traveling. UHF requires +/- 5 or 10 KHz Doppler
>tuning. The "S" column is a subjective signal strength assessment. A
>20" vertical whip in the center of your car roof will give you success as

>shown below. This acts as a 3/4 wave on UHF giving almost 8 dBi above
>30 degrees over a good groundplane for the UHF downlink birds. For
>SUNSAT which operates mode B with a stronger 2m downlink and your 50 watt
>mobile uplink, a normal dual-band mobile antenna will do better closer
>to the horizon.
>   SIG RECEIVE RANGE
>USING THE 20" WHIP FOR MODE J PACSATS: --- ------------------
>As a rough approximation consider this table   9 Horizon to Horizon
>which I have subjectively determined after   8 5 deg and above
>3 months of daily monitoring. Home stations   7 10 deg and above
>with 50' of RG 8 should subtract abt 3 from   6 15 deg and above
>the signals and 5/8 or dual band, or "gain"   5 20 deg and above
>antennas should also subtract about 2.   4 25 deg and above
>   3 30 deg and above
>The PACSATs do not officially digipeat UI   2 3 ele beam required
>packets, but you can still see status and   1 6 ele beam required
>telemetry and the USER lists on your Kenwood
>data radios or any radio with 9600 baud TNC. For more info on mobile
>satellite operations see http://web.usna.navy.mil/~bruninga/astars.html
>
>Errors, omissions, corrections welcome. I will re-post this when ever I
>hear of changes in status. For more detail, of course, read the AMSAT
>News Service bulletins and AMSAT WEB pages http://www.amsat.org
>
>de WB4APR, Bob
>
>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

393. [htaprs] Re: Kenwood Software and support files

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Fri, 23 Jun 2000 23:17:2
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92691-2000.06.23-23.20.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The T7 G programming software will allow a PC to input memory channels,
etc. However, it does NOT support any of the new G features! For example,
the G model supports 3 My Positions (as opposed to 5 on the D 700). This G
version programming software supports only ONE My Position, just like the
old radio. So far, every single new feature of the G model that I have
tried appears to NOT be supported by this PC programming software.

What gives?????

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

394. [htaprs] Re: SUNSAT Works!

From: Joseph Cunningham <jcunning@oem.state.or.us>
Date: Fri, 23 Jun 2000 21:55:11 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92693-2000.06.23-23.59.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've tried to just listen to SUNSAT for the last couple of weeks, with no
success. I just tune a receiver to 145.825 FM squelch open and heard
nothing. :(I'm using the Linux program PREDICT to figure out when the
passes occur. I've also attempted to listen to other satellites that Bob
listed in an earlier e-mail as receivable by a mobile. I'm using an
Isopole with an IC-746.

I tried compiling SatTrack, which failed miserably. Eventually I'll break
down and install DOS on a 486 so I can run APRStk and get the bulletins on
my D7A, but until then -- anyone know what I could do to accurately predict
the sat passes (and works in Linux?)?

Joseph C.

At 10:06 PM 6/23/00 -0400, Bob Bruninga wrote:

>During tonight's passes and hopefully some on FIeld Day, SUNSAT is in 1200
>baud AX.25 packet mode for UI digipeating (No connects please!). ANyone
>with a TNC and 2m FM radio can receive SUNSAT downlink on 145.825.
>If you run APRS software then you will see everyone plotted on the map and
>capture all messages. Otherwise just operate in dumb terminal mode.
>
>TO transmit, uplink 1200 baud AFSK on 436.280 at AOS and then move up
>through 436.290 in cener of pass and ending at 436.300 at LOS. DIgipeat
>via the path of SUNSAT or APRSAT.
>
>Once you see yourself in the downlink a few times, BACKOFF and let
>someone else in... Everyone else will have captured you too...
>
>de WB4APR, Bob
>
>Forwarded message
>---------- Date: Fri, 23 Jun 2000 21:39:41 -0400
>From: Stephen M. King <frastephen@home.com>
>Subject: [aprssat] SUNSAT report!
>
>Caught the SUNSAT pass this evening and caught three stations here in NJ:
>
>WB4APR-9
>N4ZQ
>N3KTP-3
>KB0VBZ-14 (at west end of pass)
>I was very impressed by the signals through a cheapie MFJ magmount on the
>car roof into my D7A. I even caught a few packets with the supplied rubber
>duck/dummy load!
>
>Now if I can figure out how to make this thing uplink...
>
>73,
>Stephen
>KD3OG
>APRSDATA for Philly...
>
>
>
>
>---
>You are currently subscribed to htaprs as: jcunning@oem.state.or.us
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

395. [htaprs] Re: SUNSAT Works!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 24 Jun 2000 08:12:25 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92733-2000.06.24-07.16.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 23 Jun 2000, Joseph Cunningham wrote:

> I've tried to just listen to SUNSAT for the last couple of weeks, with no
> success....

SUNSAT has been OFF for the last couple of weeks due to sun heating. But
as of last night it is on again for Fielday. Next pass is at 1235z
Saturday Morning over the east coast. COmpare your software predicts to
that.

Oh yes, this time it is 1200 baud NORMAL APRS!
EVERYONE with APRS can receive it on 145.825.

bob

I just tune a receiver to 145.825 FM squelch open and heard
> nothing. :(I'm using the Linux program PREDICT to figure out when the
> passes occur. I've also attempted to listen to other satellites that Bob
> listed in an earlier e-mail as receivable by a mobile. I'm using an
> Isopole with an IC-746.
>

> I tried compiling SatTrack, which failed miserably. Eventually I'll break
> down and install DOS on a 486 so I can run APRStk and get the bulletins on
> my D7A, but until then -- anyone know what I could do to accurately predict
> the sat passes (and works in Linux?)?
>
> Joseph C.
>
> At 10:06 PM 6/23/00 -0400, Bob Bruninga wrote:
> >During tonight's passes and hopefully some on FIeld Day, SUNSAT is in 1200
> >baud AX.25 packet mode for UI digipeating (No connects please!). ANyone
> >with a TNC and 2m FM radio can receive SUNSAT downlink on 145.825.
> >If you run APRS software then you will see everyone plotted on the map and
> >capture all messages. Otherwise just operate in dumb terminal mode.
> >
> >TO transmit, uplink 1200 baud AFSK on 436.280 at AOS and then move up
> >through 436.290 in cener of pass and ending at 436.300 at LOS. DIgipeat
> >via the path of SUNSAT or APRSAT.
> >
> >Once you see yourself in the downlink a few times, BACKOFF and let
> >someone else in... Everyone else will have captured you too...
> >
> >de WB4APR, Bob
> >
> >Forwarded message
> >---------- Date: Fri, 23 Jun 2000 21:39:41 -0400
> >From: Stephen M. King <frastephen@home.com>
> >Subject: [aprssat] SUNSAT report!
> >
> >Caught the SUNSAT pass this evening and caught three stations here in NJ:
> >
> >WB4APR-9
> >N4ZQ
> >N3KTP-3
> >KB0VBZ-14 (at west end of pass)
> >I was very impressed by the signals through a cheapie MFJ magmount on the
> >car roof into my D7A. I even caught a few packets with the supplied rubber
> >duck/dummy load!
> >
> >Now if I can figure out how to make this thing uplink...
> >
> >73,
> >Stephen
> >KD3OG
> >APRSDATA for Philly...
> >
> >
> >
> >
> >---
> >You are currently subscribed to htaprs as: jcunning@oem.state.or.us
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

396. [htaprs] SUNSAT pass info

From: Darrell Hale <halehome@home.com>
Date: Sat, 24 Jun 2000 10:49:07 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92744-2000.06.24-09.51.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I've tried to just listen to SUNSAT for the last couple of weeks, with no
>success. I just tune a receiver to 145.825 FM squelch open and heard
>nothing. :(

SUNSAT has not been transmitting for the last few weeks due to its current

orbit that is making thermal management more "interesting". Apparently the
ground controllers have only started trying to setup digipeating in the last
few days to support field day (I assume that they found time to work such
support into all of the other spacecraft management activities on their plate).

Furthermore, since SUNSAT is not beaconing during this time, for now you
will only hear data if other users are uplinking, which in turn will cause
SUNSAT to downlink.

>anyone know what I could do to accurately predict the sat passes (and works
in Linux?)?

The following link works well enough for me to know when to expect a pass
and about where it will be in the sky relative to me. It is not as fancy as
the programs providing AOS/LOS Az/El data, but anyone with a browser can use
this web page.

http://www.heavens-above.com/orbitdisplay.asp?lat=39.112817&lng=-76.860217&s
atid=25636

This link is actually a "stripped down" version of the link I normally use.
If you start at http://www.heavens-above.com/detailform.asp and fill in the
prompts, your local data will be stored for use by the web site. It just
happens that not all of that data is always required to generate the final
result.

Finally, another nice feature of this site is that the two-line orbital
elements are posted at the bottom of the page, and seem to be kept up to
date, making this web site a good source for TLEs.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

397. [htaprs] Re: Kenwood Software and support files

From: "stridr" <stridr@optonline.net>
Date: Sat, 24 Jun 2000 18:24:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92750-2000.06.24-12.28.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'd say that Beta gives. Sure hope they include the rest of the features
soon.

Howard

Help eradicate Pediatric Brain Tumors
Support our ride 20 Aug 2000
http://go.to/nerfk

Howard Hecht   W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

----- Original Message -----
From: Larry Zanella <larry.zanella@attws.com>
<snip>

So far, every single new feature of the G model that I have
> tried appears to NOT be supported by this PC programming software.
>
> What gives?????

<endsnip>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

398. [htaprs] UO-22 APRS Packet Path ?

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Sun, 25 Jun 2000 11:41:12
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92852-2000.06.25-11.45.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone give me the UO-22 APRS packet path to try on the TH-D7 ??

Thanks,

Don DeJarnette
KC4YRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

399. [htaprs] Re: TH-D7 to Garmin Wiring Diagram

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sun, 25 Jun 2000 10:41:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92854-2000.06.25-12.46.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have updated my web page with a note regarding cable colors.
I think there my be some differences in colors on the various cables.

Glenn, KG7IL in Renton, Wa

David Kovar wrote:

> Good morning,
>
> I used the following page to hook up my D7A(G) to my Garmin 12 the other night.
>
> http://kg7il.foxinternet.net/ham/aprs/45xl-d7a.htm
>
> This is the same page you looked at, and it worked for me. I just used the
> cable that came with the D7A, which wasn't the best quality but had the
> right tip on it. If I remember correctly, the white wire was yellow coming
> out of the Garmin cable.
>
> I clipped the conector off of a Garmin data cable to make mine.
>
> -David

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

400. [htaprs] RE: APRS Transmit Intervals

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 25 Jun 2000 12:10:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92867-2000.06.25-14.14.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob covered the procedure for how to select an alternate path for sending
local messages for the DOS APRS program. I will try give you the procedure
for how to select an alternate path for the WinAPRS program.

Under the Settings pull down menu, select Alternate VHF path. Then if you
select Other, a window will pop up that allows you to specify the alternate
path to use while you are exchanging messages with a local station that does
not require the normal path which will cover a large area.

Once you are done conversing with that station, go back to Settings,
Alternate VHF path and select Default. That will restore your normal path
setting.

You noticed that underneath where you selected Other or Default, there was
also a list of alternate paths, you could select one of those if it
appropriate for your area or you can do what I have done, is customize that
list to what I might want to use for alternate paths. You can customize
this list by going into Explorer (your file manager) and go to the folder
that contains your WINAPRS.EXE program. There you will also find an
altpath.txt file, double click that file and edit the entries to suit your
fancy, then save the file. The next time you start your WinAPRS program,

you will see your personal alternate paths in the Alternate VHF path listing
and you can select the path you desire.

Hope this explanation clears up the question of how to select a shorter
Alternate Path while corresponding messages with a nearby station in
WinAPRS.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Bob Bruninga
> Sent: Thursday, June 22, 2000 6:26 AM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] RE: APRS Transmit Intervals
>
>
> In APRSdos, to use an alternate path for each message, just put .../XX
> after the call on the TOLINE. Then that message will be sent via the path
> on your DIGIPATH list labeled as "XX"...
>
> bob
> On Thu, 22 Jun 2000, Jon Ogden
> wrote:
>
> > on 6/21/00 11:49 PM, Herb Gerhardt, KB7UVC at gerhardt@hctc.com wrote:
> >
> > > Incidentally, I love the messaging capability of APRS. The
> way to keep your
> > > traffic from clogging the system, is to use an alternate path for the
> > > station you are "talking" to, i.e., if you can hit the other station
> > > directly, don't send the message to WIDE or WIDE5-5. Just
> use the other
> > > stations call sign in your alternate path or the minimum path
> required to
> > > hit that station.
> >
> > This is something I've always wanted to do, Herb, but I don't
> think it can
> > be "easily" done unless you are running your TNC in KISS mode.
> Perhaps I am
> > wrong on this.
> >
> > I've had a lot of problems getting KISS mode to work right with
> my KPC-3+.
> > Sometimes it works and sometimes it doesn't, so usually I don't
> even bother
> > with it.
> >
> > Have you figured out how to make it work?
> >
> > Thanks and 73,
> >
> > Jon
> > NA9D
> >
> > ------------------------------------
> > Jon Ogden
> > NA9D (ex: KE9NA)
> >
> > Member: ARRL, AMSAT, DXCC, NRA
> >
> > http://www.qsl.net/ke9na
> >
> > "A life lived in fear is a life half lived."
> >
> >
> > ---
> > You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
> APRSdos REPLY/COMMENT:

>
> Reply mail addr: wb4apr@amsat.org
> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

401. [htaprs] RE: APRS Transmit Intervals

From: BordingK@aol.com
Date: Sun, 25 Jun 2000 16:20:00 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92876-2000.06.25-15.24.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, understood. But what are the selections under New Message Dialog?:

Default path and Reverse path are obvious, but Other ONE, TWO. Are/Is this
working? ONE, TWO are they hops or alternate paths as path one or path two?

DE W5KNB
Ken

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

402. [htaprs] Re: UO-22 APRS Packet Path ?

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 25 Jun 2000 16:01:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92883-2000.06.25-16.06.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

UOSAT5

-----Original Message-----
From: Don DeJarnette <ddej@simplecom.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Sunday, June 25, 2000 11:41 AM
Subject: [htaprs] UO-22 APRS Packet Path ?

>Can anyone give me the UO-22 APRS packet path to try on the TH-D7 ??
>
>Thanks,
>
>Don DeJarnette
>KC4YRT
>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

403. [htaprs] Re: UO-22 APRS Packet Path ?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 25 Jun 2000 19:17:51 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-92894-2000.06.25-18.21.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 25 Jun 2000, Don DeJarnette wrote:

> Can anyone give me the UO-22 APRS packet path to try on the TH-D7 ??

VIA UOSAT5.

ALthough I digi via UO22 regularly during my morning commute, I was
completely unsuccessful over Field Day. First I was using the D7, then I
went to he D700 with an Arrow. Still not a single packet. Im sure the
reason was the fact that there were 17 PACSAT stations logged on (comapred
to 1 to 4 usually) so the uplink channel was saturated.

Thank goodness for SUNSAT who gave me the needed QSO with N8DEU!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

404. [htaprs] RE: APRS Messaging

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 25 Jun 2000 21:53:59 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-92926-2000.06.25-23.57.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is not a function I have played with. Not sure exactly what it is
supposed to do or if it is working yet or not.

Can anyone shed any light on this choice? Perhaps one of the Sproul's will
have to field this question.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

> -----Original Message-----
> From: BordingK@aol.com [mailto:BordingK@aol.com]
> Sent: Sunday, June 25, 2000 1:20 PM
> To: gerhardt@hctc.com; htaprs@lists.tapr.org
> Subject: Re: [htaprs] RE: APRS Transmit Intervals
>
>
> OK, understood. But what are the selections under New Message Dialog?:
>
> Default path and Reverse path are obvious, but Other ONE, TWO.
> Are/Is this
> working? ONE, TWO are they hops or alternate paths as path one
> or path two?
>
> DE W5KNB
> Ken
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

405. [htaprs] TM-D700A ver. 1.00 software available!

From: Kenwood Customer Care <cuyeda@ix.netcom.com>
Date: Mon, 26 Jun 2000 09:33:56 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93071-2000.06.26-11.45.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those who may have tried downloading the new TM-D700A software over the
weekend my apologies. In a hurry to get the software uploaded for the
weekend the actual file (newer version) upload was missed. The new version
file is available at:

ftp://ftp.kenwood.net/SOFTWARE/TMD700A/

73 de Kenwood

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

406. [htaprs] D7A(g) Postion won't change (1-3)

From: "hasan schiers" <schiers@netins.net>
Date: Mon, 26 Jun 2000 12:02:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93078-2000.06.26-12.07.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My D7A(g) has 3 positions that one can program into it. I put in 3 different positions which reflect home, work1 and work2. When I hit the position button and use the cursor keypad to select anything but the #1 position, it still sends only position #1...(home).

I must be doing something incredibly dumb...but I can't transmit the data from positions 2 or 3, no matter what I do. If I change the values in pos 1 and send a position, it changes just fine.

What do I have to do to get my D7A(g) to actually USE (transmit) the values I have put in POS2 and POS3 ?

Tnx...

hasan schiers, N0AN
schiers@netins.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

407. [htaprs] Re: D7A(g) Postion won't change (1-3)

From: "Walter Dunckel" <walter@radiohound.com>
Date: Mon, 26 Jun 2000 10:11:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93083-2000.06.26-12.16.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nothing dumb, Kenwood just makes us press one more button to enable the position. Scroll to the position that you wish to enable, then press the "*" (MHz) button. You should then see a "*" in front of the position selected.

Walter
www.radiohound.com

----- Original Message -----
From: "hasan schiers" <schiers@netins.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, June 26, 2000 10:02 AM
Subject: [htaprs] D7A(g) Postion won't change (1-3)

> My D7A(g) has 3 positions that one can program into it. I put in 3 different
> positions which reflect home, work1 and work2. When I hit the position
> button and use the cursor keypad to select anything but the #1 position, it
> still sends only position #1...(home).
>
> I must be doing something incredibly dumb...but I can't transmit the data
> from positions 2 or 3, no matter what I do. If I change the values in pos 1
> and send a position, it changes just fine.
>
> What do I have to do to get my D7A(g) to actually USE (transmit) the values
> I have put in POS2 and POS3 ?
>
> Tnx...
>
> hasan schiers, N0AN
> schiers@netins.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

408. [htaprs] Re: D7A(g) Postion won't change (1-3)

From: "hasan schiers" <schiers@netins.net>
Date: Mon, 26 Jun 2000 13:11:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93113-2000.06.26-13.57.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Walter! Worked perfectly and I STILL can't find any mention of it in
the manual...how did you discover it?

...hasan

----- Original Message -----
From: Walter Dunckel <walter@radiohound.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Monday, June 26, 2000 12:11 PM
Subject: [htaprs] Re: D7A(g) Postion won't change (1-3)

> Nothing dumb, Kenwood just makes us press one more button to enable the
> position. Scroll to the position that you wish to enable, then press the
"*"
> (MHz) button. You should then see a "*" in front of the position selected.
>
> Walter
> www.radiohound.com
>
>
> ----- Original Message -----
> From: "hasan schiers" <schiers@netins.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Monday, June 26, 2000 10:02 AM
> Subject: [htaprs] D7A(g) Postion won't change (1-3)
>
>
> > My D7A(g) has 3 positions that one can program into it. I put in 3
> different
> > positions which reflect home, work1 and work2. When I hit the position
> > button and use the cursor keypad to select anything but the #1 position,
> it
> > still sends only position #1...(home).
> >
> > I must be doing something incredibly dumb...but I can't transmit the
data
> > from positions 2 or 3, no matter what I do. If I change the values in
pos
> 1
> > and send a position, it changes just fine.
> >
> > What do I have to do to get my D7A(g) to actually USE (transmit) the
> values
> > I have put in POS2 and POS3 ?
> >
> > Tnx...
> >
> > hasan schiers, N0AN
> > schiers@netins.net
>
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

409. [htaprs] D7A(g) Icons and WinAPRS 2.4.7?

From: "hasan schiers" <schiers@netins.net>
Date: Mon, 26 Jun 2000 13:34:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93114-2000.06.26-13.57.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This LIST is entirely too cool! Now that Walter has solved my position changing problem. I only have ONE (ha!) remaining quirk that I haven't made progress with: Displaying the icons from the D7A(g) on my home station WinAPRS ver 2.4.7.

Does someone have a list of icons available on the D7A(g) that will display properly in WinAPRS 2.4.7? Most of the ones I would "logically" select on the D7 only show up as a red dot in WinAPRS (not very interesting or informative).

I'm not talking about the 'OTHER' ones you program yourself by selecting a punctuation mark and then a "Table" value for, but rather the "predefined" icons in the D7. I have tried the following with the result in WinAPRS of a "red dot" and nothing else:

The Tent
The Runner
Several others that I can't recall.

The Kenwood "W" Icon generates a yellow "DF" on WinAPRS.

If someone could make a recommendation for what Icon to select from the predefined list in the D7 that would show up in WinAPRS , I would really appreciate it. Keep in mind, it will never be used from the car, as a mobile. When I'm using the D7 it is with me walking around somewhere.

If none of the predefined icons work with WinAPRS, perhaps someone could suggest how to construct an "OTHER" from the D7a menu. This, as best as I can understand it, requires TWO values, one a 'symbol' and the other a 'table'. It looks like the table is either / (slash) or \ (backslash). So, if you have a suggestion that works for you, please include both the symbol and table values for me.

I would think the Kenwood W, the Tent and the Runner all would be reasonable for the D7 in "walking" service, but I'm open to anything that isn't downright silly, like the Thunderstorm icon.

I'm getting pretty good at programming the D7a and ag from scratch. I went to visit the Boone County, Iowa field day group and their fearless leader kb0hyy had a D7a sitting there and told me he had had his for over a year and never could figure out how to get it running on APRS. It took me about 5 minutes to get him all fixed up. The menu structure is very intuitive, once you realize that 'OK' means enter the area you want to modify as well as accept the value I just set. (That one stumped me for about an hour the first time I used my D700.) So...it's an 'OK' to move into the area you want to modify, then set the parameter, then another 'OK' to actually set it. Not all that obvious to my way of thinking but once you see that's how it works, it is very easy and fast to set up a radio from scratch.

I even did mine a second time because I got desparate when I couldn't get my 2nd and 3rd positions to work. (Of course, Walt fixed me up on that one, but not until I started from scratch).

BTW: That 17" long, skinny dual band Comet sma antenna works REALLY WELL on the D7. The duckie that Kenwood provides is every bit as bad as the ducky that Icom provided with my old IC-32. I've seen several people recommend the Comet mentioned above, and I completely agree with them. It seems rugged, but presents very little load to the D7a's sma connector and works MUCH better than the standard duck.

73

hasan schiers, N0AN
schiers@netins.net

The one I have selected now
hasan schiers, N0AN
schiers@netins.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

410. [htaprs] Re: D7A(g) Postion won't change (1-3)

From: "bob" <w2g3zfj@unix.asb.com>
Date: Mon, 26 Jun 2000 15:08:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-93115-2000.06.26-14.08.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Hasan

Its on page 9 of the manual, as a sub paragraph to item #3.

I must admit, its not very obvious!! I had to search for it myself when I
got mine back.

73 de bob
w2/g3zfj

-----Original Message-----
From: hasan schiers <schiers@netins.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Monday, June 26, 2000 14:44
Subject: [htaprs] Re: D7A(g) Postion won't change (1-3)

>Thanks Walter! Worked perfectly and I STILL can't find any mention of it in
>the manual...how did you discover it?
>
>...hasan
>
>----- Original Message -----
>From: Walter Dunckel <walter@radiohound.com>
>To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
>Sent: Monday, June 26, 2000 12:11 PM
>Subject: [htaprs] Re: D7A(g) Postion won't change (1-3)
>
>
>> Nothing dumb, Kenwood just makes us press one more button to enable the
>> position. Scroll to the position that you wish to enable, then press the
>"*"
>> (MHz) button. You should then see a "*" in front of the position
selected.
>>
>> Walter
>> www.radiohound.com
>>
>>
>> ----- Original Message -----
>> From: "hasan schiers" <schiers@netins.net>
>> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
>> Sent: Monday, June 26, 2000 10:02 AM
>> Subject: [htaprs] D7A(g) Postion won't change (1-3)
>>
>>
>> > My D7A(g) has 3 positions that one can program into it. I put in 3
>> different
>> > positions which reflect home, work1 and work2. When I hit the position
>> > button and use the cursor keypad to select anything but the #1
position,
>> it
>> > still sends only position #1...(home).
>> >
>> > I must be doing something incredibly dumb...but I can't transmit the
>data
>> > from positions 2 or 3, no matter what I do. If I change the values in
>pos
>> 1
>> > and send a position, it changes just fine.
>> >
>> > What do I have to do to get my D7A(g) to actually USE (transmit) the
>> values
>> > I have put in POS2 and POS3 ?
>> >
>> > Tnx...
>> >
>> > hasan schiers, N0AN
>> > schiers@netins.net
>>
>>
>>
>> ---
>> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

411. [htaprs] AOL Domain

From: "Joel B. Black" <jbblack@mindspring.com>
Date: Mon, 26 Jun 2000 17:29:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93157-2000.06.26-17.34.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know about the rest of you, but I am receiving increasing amounts of SPAM from the aol.com domain. I realize that the people sending it are probably not actually using AOL, but all I can do is send a note to abuse@aol.com and block all messages from that domain. Until they fix their problem, anyone addressing an email to me directly from aol.com may not get viewed.

This is not to say that I won't screen the messages nor is it to say that I get an incredible amount of email from individuals it's just that "Delete" is almost gone from my delete key. :-)

Thanks,

Joel B. Black, K2SAT
AMSAT.....32589
AMSAT Local Area Coordinator
k2sat@amsat.org
http://www.mindspring.com/~jbblack
AO-10, AO-27, FO-20, FO-29, SO-35, UO-14
TO-31, UO-22, UO-36

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

412. [htaprs] New D700 Programming Software V 1.00

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Mon, 26 Jun 2000 21:43:21
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93219-2000.06.26-21.47.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So far, the only difference that I have been able to find between Kenwood's D700 Beta programming software V 0.00 and the latest D700 software V 1.00 released today (June 26) is that they changed the graphics in the shortcut icon. I must admit that the new shortcut icon is way cool compared to the original one (and the original one was fine), but this seems like a small change to warrant a new release.

Has anyone found any discernable differences in the two versions?

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

413. [htaprs] Re: UO-22 TH-D7 Contacts

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 26 Jun 2000 23:04:20 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-93223-2000.06.26-22.08.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hummh... interesting.... good question...

bob

On Mon, 26 Jun 2000, Don DeJarnette wrote:

> Bob,
>
> Both K2SAT (Joel) and myself have been experimenting with UO-22 on APRS. We
> have both noticed that when we receive a strong signal from UO-22 (up to 4
> bars on the S-Meter for me with a 36 inch whip), then our Manual beaconing
> will not work. We both have the DCD set to ignore. Is this something to do
> with UO-22 or our radios ?
>
> 73 de Don KC4YRT
>
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

414. [htaprs] RE: [aprssat] Re: UO-22 TH-D7 Contacts

From: "Hoskin, Richard J" <Richard.J.Hoskin@team.telstra.com>
Date: Tue, 27 Jun 2000 13:47:41 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-93236-2000.06.26-22.53.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe that this could be a problem with UO22.

>From distant memories I recall that the downlink on UO22 has a few small
problems in relation to bandwidth which can cause a low through-put. I can
not remember the exact details but I do remember that there was a mod that
could be done on the RX equipment of a PacSat ground station which would fix
the problem and increase the downlink through-put. This may be related.

Cheers
Richard
VK3JFK

> -----Original Message-----
> From: Bob Bruninga [SMTP:bruninga@nadn.navy.mil]
> Sent: Tuesday, 27 June 2000 01:04 pm
> To: TAPR APRS Satellite Special Interest Group
> Cc: TAPR APRS Satellite Special Interest Group; htaprs@lists.tapr.org
> Subject: [aprssat] Re: UO-22 TH-D7 Contacts
>
> Hummh... interesting.... good question...
>
> bob
>
> On Mon, 26 Jun 2000, Don DeJarnette wrote:
>
> > Bob,
> >
> > Both K2SAT (Joel) and myself have been experimenting with UO-22 on APRS.
> We
> > have both noticed that when we receive a strong signal from UO-22 (up to
> 4
> > bars on the S-Meter for me with a 36 inch whip), then our Manual
> beaconing
> > will not work. We both have the DCD set to ignore. Is this something to
> do
> > with UO-22 or our radios ?
> >
> > 73 de Don KC4YRT

> >
> >
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
>
> ---
> You are currently subscribed to aprssat as: lhoskin@bigpond.com
> To unsubscribe send a blank email to leave-aprssat-15247N@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

415. [htaprs] D7 and WinAPRS Icons

From: "hasan schiers" <schiers@netins.net>
Date: Tue, 27 Jun 2000 06:15:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <aprssig@tapr.org>
Message-ID: <LYR845-93299-2000.06.27-06.18.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm running WinAPRS 2.4.7 on a Win98SE machine. When my D7A(g) sends a
position, WinAPRS shows nothing but a red dot for an icon for the vast
majority of Icons that I can select with the D7. In fact, for the
pre-defined icons in the d7, only one produces something other than a red
dot in WinAPRS, that being the Kenwood "W"...which shows up as a yellow DF
icon in WinAPRS.

Does anyone have a hint how to get a reasonable icon for a walking around D7
(I'm not using it in a car or fixed location). Please be very specific about
how to set the D7. If I'm not using a pre-defined icon, I think it takes two
values in the D7's "other" icon setting, a field and table value.

I'm assuming it's something in the way the D7a puts out its icons, because
the D700 shows up as a car just fine.

tnx in advance, 73

hasan schiers
schiers@netins.net
N0AN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

416. [htaprs] Palm Pilot or Handspring Visor

From: Rosenberg.Eric@orbcomm.com
Date: Tue, 27 Jun 2000 09:33:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93321-2000.06.27-08.38.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm in the market for a PDA.

While I'd really like a Psion 5 (can't afford one!), I'm wondering what real
differences there are between the equivalently priced PalmPilots and Handspring
Visors (~$250). I've heard that the Visor's don't have upgradeable OSs as the
PAlms do. But hte Visors have that nifty slot for accessories...

Any thoughts, comments et al are appreciated!

Eric W3DQ
Washington, DC
w3dq@amsat.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

417. [htaprs] Re: Palm Pilot or Handspring Visor

From: RASNM@aol.com
Date: Tue, 27 Jun 2000 10:54:31 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93355-2000.06.27-09.59.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 6/27/00 7:35:44 AM Mountain Daylight Time,
Rosenberg.Eric@orbcomm.com writes:

<< I'm wondering what real
 differences there are between the equivalently priced PalmPilots and
Handspring
 Visors (~$250) >>

If you form an opinion let me know. Here is a collection of reviews:

 <A HREF="http://www.visorvillage.com/reviews.html">Visor Village: Reviews -
(Visor Reviews)</A>

73-Ron-kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

418. [htaprs] Unable to xmit APRS packets w/d7a(g)

From: "Mike Penkas" <mpenkas@home.com>
Date: Tue, 27 Jun 2000 11:48:24
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93381-2000.06.27-11.52.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've read the manual over and over and believe everything is set ok but
when I hit the beacon in manual APRS mode I do not send out APRS. Viewing
it on 144.390 on packet I see that most stations start with APRS or BEACON
but mine has my call and instead of APRS it has T2UX09 and where the pos
data is supposed to be at I just have 5 or 6 garbled characters. My
position is set properly. Called Kenwood and they said they weren't
knowledgeable and to put out the question here on the SIG. If someone could
give me a set of values/settings that work for them I will probably be ok.
Don't think its the radio.   Thanks, Mike WA8EBM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

419. [htaprs] RE: Unable to xmit APRS packets w/d7a(g)

From: Bill Diaz <billdiaz@megsinet.net>
Date: Tue, 27 Jun 2000 12:09:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93386-2000.06.27-12.13.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike,
  A raw MicE packet looks like this :
N5LTC-9>S1RWRY,N5LTC-3*,WIDE5-4,GATE:'l8>l Uk/]":G}
Originating call>MicE information,Via,Via,Via:Remainder of MicE information.

The decoded MicE information :
3127.29N 10028.34W 057/000/In service
Latitude, Longitude, heading, speed, status.

IGATES may convert the raw packet and pass the conversion on the Internet feed
:
N5LTC-9>APK002,N5LTC-3*,WIDE5-4,GATE:@270657z3127.28N/10028.33Wk057/000/Mic-
E/M2/In Service>l Uk/]":G}

I suspect that your MicE packet is not defective. If you supply the entire
packet as received, I will decode it and return the result to you.

Bill KC9XG

On Tuesday, June 27, 2000 6:48 AM, Mike Penkas [SMTP:mpenkas@home.com] wrote:

> I've read the manual over and over and believe everything is set ok but
> when I hit the beacon in manual APRS mode I do not send out APRS. Viewing
> it on 144.390 on packet I see that most stations start with APRS or BEACON
> but mine has my call and instead of APRS it has T2UX09 and where the pos
> data is supposed to be at I just have 5 or 6 garbled characters. My
> position is set properly. Called Kenwood and they said they weren't
> knowledgeable and to put out the question here on the SIG. If someone could
> give me a set of values/settings that work for them I will probably be ok.
> Don't think its the radio.   Thanks, Mike WA8EBM
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

420. [htaprs] Re: Unable to xmit APRS packets w/d7a(g)

From: "Walter Dunckel" <walter@radiohound.com>
Date: Tue, 27 Jun 2000 10:20:05 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93388-2000.06.27-12.27.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It sounds like you are able to transmit (the little red light flashes as
your beacon tx's). The six character code should be MIC encoded packets (or
compressed data that is the equivalent to your position). Most others are
not mic-e packets. These should be decoded by winaprs or dosaprs, or any
other viable APRS program. If a digipeater is nearby, you should be able to
check that this is your actual position with any of the above software.
Sounds like everything is OK to me though.

On a side note: I notice the G model does not transmit an auto beacon if you
do not have valid position from your GPS (while set to GPS NMEA). However,
it sounds like you have entered a position and have it set to GPS NONE, and
you apear to be transmitting, so I don't think this is the problem.

Hope this helps,

Walter

Walter

----- Original Message -----
From: "Mike Penkas" <mpenkas@home.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, June 27, 2000 11:48 AM
Subject: [htaprs] Unable to xmit APRS packets w/d7a(g)

> I've read the manual over and over and believe everything is set ok but
> when I hit the beacon in manual APRS mode I do not send out APRS. Viewing
> it on 144.390 on packet I see that most stations start with APRS or BEACON
> but mine has my call and instead of APRS it has T2UX09 and where the pos
> data is supposed to be at I just have 5 or 6 garbled characters. My
> position is set properly. Called Kenwood and they said they weren't
> knowledgeable and to put out the question here on the SIG. If someone
could
> give me a set of values/settings that work for them I will probably be ok.
> Don't think its the radio.   Thanks, Mike WA8EBM
>
----- Original Message -----
From: "Mike Penkas" <mpenkas@home.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, June 27, 2000 11:48 AM
Subject: [htaprs] Unable to xmit APRS packets w/d7a(g)

> I've read the manual over and over and believe everything is set ok but
> when I hit the beacon in manual APRS mode I do not send out APRS. Viewing
> it on 144.390 on packet I see that most stations start with APRS or BEACON
> but mine has my call and instead of APRS it has T2UX09 and where the pos
> data is supposed to be at I just have 5 or 6 garbled characters. My
> position is set properly. Called Kenwood and they said they weren't
> knowledgeable and to put out the question here on the SIG. If someone
could
> give me a set of values/settings that work for them I will probably be ok.

> Don't think its the radio. Thanks, Mike WA8EBM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

421. [htaprs] D700 Display and Polarized Sunglasses

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Tue, 27 Jun 2000 15:45:31 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93410-2000.06.27-14.51.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just saw a post on the VHF reflector, and it made me think about my own problem. When wearing my polarized sunglasses in the car the display on the D700 is jet black. If I rotate the head, or my head I can get a usable image. I haven't found a good place for the head that is tilted that doesn't look wrong. Someone mentioned a "polarity reverser". I imagine it is some sort of polarized film. Has anyone tried it with the D700 head, or know where I could come up with some?

Dennis, N2LBT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

422. [htaprs] RE: D700 Display and Polarized Sunglasses

From: "Dennis Brothers" <brothers@bros.com>
Date: Tue, 27 Jun 2000 16:13:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93414-2000.06.27-15.16.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mitch Bogart, KA1MIT, had a short piece in QST sometime last year about the same problem with an IC706. His solution, as I recall, was a film available from Edmund Scientific. The article (a hints 'n kinks thing) ran somewheres around mid-year, I think.

Dennis Brothers, KE6DPL

-----Original Message-----
From: bounce-htaprs-15586@lists.tapr.org
[mailto:bounce-htaprs-15586@lists.tapr.org]On Behalf Of Dennis Hudson, N2LBT
Sent: Tuesday, June 27, 2000 3:46 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] D700 Display and Polarized Sunglasses

I just saw a post on the VHF reflector, and it made me think about my own problem. When wearing my polarized sunglasses in the car the display on the D700 is jet black. If I rotate the head, or my head I can get a usable image. I haven't found a good place for the head that is tilted that doesn't look wrong. Someone mentioned a "polarity reverser". I imagine it is some sort of polarized film. Has anyone tried it with the D700 head, or know where I could come up with some?

Dennis, N2LBT

You are currently subscribed to htaprs as: brothers@bros.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

423. [htaprs] Re: Palm Pilot or Handspring Visor

From: "Jeff Tong" <brcomm@imt.net>
Date: Tue, 27 Jun 2000 15:44:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-93442-2000.06.27-16.58.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do any of these "palm" devices run DOS programs and have an RS-232 port.?
Jeff

-----Original Message-----
From: Rosenberg.Eric@orbcomm.com <Rosenberg.Eric@orbcomm.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Tuesday, June 27, 2000 7:34 AM
Subject: [htaprs] Palm Pilot or Handspring Visor

>
>
>I'm in the market for a PDA.
>
>While I'd really like a Psion 5 (can't afford one!), I'm wondering what
real
>differences there are between the equivalently priced PalmPilots and
Handspring
>Visors (~$250). I've heard that the Visor's don't have upgradeable OSs as
the
>PAlms do. But hte Visors have that nifty slot for accessories...
>
>Any thoughts, comments et al are appreciated!
>
>Eric W3DQ
>Washington, DC
>w3dq@amsat.org
>
>
>
>---
>You are currently subscribed to htaprs as: BRCOMM@IMT.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

424. [htaprs] Re: Palm Pilot or Handspring Visor

From: "Scott Morris" <smorris@mindspring.com>
Date: Tue, 27 Jun 2000 18:05:00 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93446-2000.06.27-17.08.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

They run PalmOS, and are not DOS or Winows compatible. But there is all
sorts of software for them. In fact I saw a software package for the
PalmPilots that would would do stats for baseball leagues, just like the
book you see people writing in during little league games. For our use they
have terminal emulators, PalmAPRS, etc.

They do have a serial port. The PalmPilot is RS-232, but the Visor has
different voltages, so you must buy their cable, I am not sure but they may
be TTL voltage levels.

Hope this helps.

Scott
----- Original Message -----
From: Jeff Tong <brcomm@imt.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, June 27, 2000 5:44 PM
Subject: [htaprs] Re: Palm Pilot or Handspring Visor

> Do any of these "palm" devices run DOS programs and have an RS-232 port.?
> Jeff
>
> -----Original Message-----
> From: Rosenberg.Eric@orbcomm.com <Rosenberg.Eric@orbcomm.com>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Date: Tuesday, June 27, 2000 7:34 AM
> Subject: [htaprs] Palm Pilot or Handspring Visor
>

>
> >
> >
> >I'm in the market for a PDA.
> >
> >While I'd really like a Psion 5 (can't afford one!), I'm wondering what
> real
> >differences there are between the equivalently priced PalmPilots and
> Handspring
> >Visors (~$250). I've heard that the Visor's don't have upgradeable OSs
as
> the
> >PAlms do. But hte Visors have that nifty slot for accessories...
> >
> >Any thoughts, comments et al are appreciated!
> >
> >Eric W3DQ
> >Washington, DC
> >w3dq@amsat.org
> >
> >
> >
> >---
> >You are currently subscribed to htaprs as: BRCOMM@IMT.NET
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

425. [htaprs] Re: Palm Pilot or Handspring Visor

From: Christopher L McNabb <cmcnabb@4mcnabb.net>
Date: Tue, 27 Jun 2000 18:26:35 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93447-2000.06.27-17.30.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The one difference that convinced me to by a Palm Pilot is that the Palm PDA's
have their OS stored in flash ram, which means they are software upgradeable.
Handspring Visors are not.

><< I'm wondering what real
> differences there are between the equivalently priced PalmPilots and
>Handspring
> Visors (~$250) >>
>
>If you form an opinion let me know. Here is a collection of reviews:

Christopher L McNabb
email: cmcnabb@4mcnabb.net
ARS: KB7DAR
icbm: 37d 08m 09s N   80d 25m 43s W   2029Ft ASL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

426. [htaprs] Re: Unable to xmit APRS packets w/d7a(g)

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 27 Jun 2000 18:43:26 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93450-2000.06.27-17.45.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Mike Penkas" <mpenkas@home.com>
Sent: Tuesday, June 27, 2000 11:48 AM

> I've read the manual over and over and believe everything is set ok
but
> when I hit the beacon in manual APRS mode I do not send out APRS.
Viewing
> it on 144.390 on packet I see that most stations start with APRS or
BEACON
> but mine has my call and instead of APRS it has T2UX09 and where the
pos
> data is supposed to be at I just have 5 or 6 garbled characters. My
> position is set properly. Called Kenwood and they said they weren't
> knowledgeable and to put out the question here on the SIG. If
someone could
> give me a set of values/settings that work for them I will probably
be ok.
> Don't think its the radio

 You are transmitting! That you see your packets is indication of
that. The format you see is Mic-E compressed encoded position data. it
uses the TO field and several bytes of the data field. The questions
that need answering ... Where are you? Is there an APRS digi nearby
enough to hear you? What path did you set? If you don't set a digipath
all you will do is broadcast to those in direct hearing range.

--
  Brian B. Riley, N1BQ   (ex-KA2BQE)
   <http://www.wulfden.org>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

427. [htaprs] Still no WinAPRS 2.4.7 Icons with D7A(g)

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 28 Jun 2000 06:36:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93555-2000.06.28-06.39.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm sorry to keep bugging the sig, but I STILL can't get any icons from my
D7A(g) to display on a WinAPRS 2.4.7 machine.

Is there anyone out there running 2.4.7 AND using a D7A(g) that is getting a
"meaningful" icon which identifies the D7 on a WinAPRS 2.4.7 screen.?

Someone suggested rebooting WinAPRS...I did that and also rebooted the
entire machine...no change. Nearly every selection of icons in the D7A(g)
results in nothing but a "red dot" icon in WinAPRS 2.4.7.

Not that it's critically important...but ya know how something that doesn't
work as you expect "gnaws" at you? Well...I'm starting to feel pretty chewed
up over a silly situation.

If it's simply a matter of a bug in the way winaprs 2.4.7 handles icons from
the D7...fine. I can live with it until it gets fixed. The icons generated
by my D700 show up just fine.

I would just like to understand what is going on. I guess when I have time
I'll transmit the same icon from my d700 in the car and the d7a in the shack
and see how they look different in the transmit string. There has got to be
some explanation. 73

hasan schiers
schiers@netins.net
N0AN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

428. [htaprs] Re: Still no WinAPRS 2.4.7 Icons with D7A(g)

From: rbost@itexas.net (Roy Bost)
Date: Wed, 28 Jun 2000 09:13:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93576-2000.06.28-09.17.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hasas, I'll ask the dumb question....do you have "station icons" checked
under the "Display" menu? Turning that off gives me blue dots for each
displayed station. I know it's not red but........

Roy Bost N5TAM
rbost@itexas.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

429. [htaprs] RE: D700 Display and Polarized Sunglasses

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Wed, 28 Jun 2000 10:2:39
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93579-2000.06.28-10.06.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check your serial nbr. I have late model and no problems with polarized
sunglasses.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

430. [htaprs] RE: D700 Display and Polarized Sunglasses

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Wed, 28 Jun 2000 10:08:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93626-2000.06.28-11.13.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Mitch Bogart, KA1MIT, had a short piece in QST sometime last year about the
>same problem with an IC706. His solution, as I recall, was a film available
>from Edmund Scientific. The article (a hints 'n kinks thing) ran somewheres
>around mid-year, I think.

The product in question is a 1/2-wave retarder film. It rotates the plane of
linear polarization by 90 degrees, and it also changes right circular
polarization to left (and vice versa). Edmund part # is K53-206 2" x 2" 1/2
wave retarder for 560 nm, 2 pcs for $15.00. 800-363-1992. You may have to
rotate the film to find an optimal angle.

A related product for experimental fun is a 1/4 wave retarder (linear to
circular or vice versa) K35-205 2" x 2" 2 pcs for $15.00. One of these in
combination with a linear polarizer are what CRT anti-glare filters are made
from.

The material has a fast axis and a slow axis, both in the plane of the sheet.
Light polarized in the slow axis direction will be retarded by the nominal
number of wavelengths as compared to the light polarized 90 degrees away,
just a simple phase shift. This is often induced by residual stresses in the
material, also seen in most plastic sheets that are mass produced in roll
form.

So the first thing to try is any thin clear plastic sheet you may have on
hand. Many of these plastics exhibit the property you need even thought they
wouldn't be as optically clear as the product from Edmund. Remember
"cellophane tape"? The stuff that got pushed out of the market by "Magic
Transparent Tape?" That stuff was great in this application. And it was more
transparent than the stuff that was named "Transparent". After the
revolution, the Marketers are next to go up against the wall, just after the
Lawyers. <bg>

73,
Tony AC7FJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

431. [htaprs] RE: Palm Pilot or Handspring Visor

From: "Daniel Lavoie" <dmlavoie@hotmail.com>
Date: Wed, 28 Jun 2000 12:12:26 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Rosenberg.Eric@orbcomm.com
Message-ID: <LYR845-93627-2000.06.28-11.16.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My biggest reasons for buying a Palm Pilot device are:

1) A true RS232 serial port. I carry enough adapters around that I don't
want to carry any more.
2) The Palm Pilot is the true pilot. It's the original so you know that all
applications will work on a Palm Pilot, but some may not work on the Visor.
For example, I noticed the other day that a new Hotsynch application on the
Palm web site specifically said not to use with the HandSpring.

Good luck,

Daniel

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

432. [htaprs] Re: Palm Pilot or Handspring Visor

From: "David G. Henderson" <daveh@erie.net>
Date: Wed, 28 Jun 2000 14:27:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93644-2000.06.28-13.31.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 27 Jun 2000, at 9:33, Rosenberg.Eric@orbcomm.com
<Rosenberg.Eric@orbcomm.com> wrote:

> I'm in the market for a PDA.
>
> While I'd really like a Psion 5 (can't afford one!), I'm wondering what real
> differences there are between the equivalently priced PalmPilots and Handspring
> Visors (~$250).
[snip]

Eric,

Here's a little snippet from CNN's article today on the PC Expo show
about the Visor with a GPS module. Did you know???
"Handspring has gathered its partners to show a bevy of hardware
add-ons to the Handspring Visor device. Among them are Glenayre,
with a wireless messaging module, and GeoDiscovery, with a Global
Positioning System module called Geode and accompanying
services that help you take advantage of knowing exactly where you
are."

73, Dave, N3EOY
mailto:daveh@erie.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

433. [htaprs] wanted: control programs tm-d700

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Wed, 28 Jun 2000 22:01:13 +0200 (CEST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93648-2000.06.28-14.00.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I just piked up a tm-d700e at the hamradio/bodensee-treffe in germany
I already did the rx-mod (removing the green wire) and the repeater mod
(remove the resistor marked rept) so that it can do almost every thing the

tm-d700a can do.

I like to lay my hands on a remote control program for the tm-d700 like
the one for the th-d7.

anyone know if it exists?

73 de Andre PE1RDW
aprsdigi co-ordinator Netherlands
member aprs workgroup Netherlands
mailto:pe1rdw@aprsnl.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

434. [htaprs] WinAPRS and Precision Mapping

From: "Steve Schwartz" <n6wlg@slvarc.org>
Date: Wed, 28 Jun 2000 15:27:51
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93678-2000.06.28-15.31.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a simple questions here, hopefully someone's tried this and knows
the answer. I'm currently using WinAPRS 2.4.7 and Precision Mapping Streets
3.5, does anyone know if WinAPRS will work with Precision Mapping 4.0?

Steve Schwartz, N6WLG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

435. [htaprs] RE: WinAPRS and Precision Mapping

From: Bill Diaz <billdiaz@megsinet.net>
Date: Wed, 28 Jun 2000 16:06:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93681-2000.06.28-16.11.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve,
  PMap 4.0 will not work with any WinAprs release.

Bill KC9XG

On Wednesday, June 28, 2000 10:28 AM, Steve Schwartz [SMTP:n6wlg@slvarc.org]
wrote:
> I have a simple questions here, hopefully someone's tried this and knows
> the answer. I'm currently using WinAPRS 2.4.7 and Precision Mapping Streets
> 3.5, does anyone know if WinAPRS will work with Precision Mapping 4.0?
>
> Steve Schwartz, N6WLG
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

436. [htaprs] Re: Still no WinAPRS 2.4.7 Icons with D7A(g)

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 28 Jun 2000 19:03:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93719-2000.06.28-19.07.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

YOu bet Roy...I have it checked. I do get proper display of the D7a(g) icons
on my D700...perfect. On WinAPRS 2.4.7, I get red dots for nearly everything
I select, except the Kenwood W, for which I get a yellow triangle with DF in
the middle.

I'm coming to the conclusion that there is a bug in WinAPRS 2.4.7 in the
manner it processes icons from the D7a(g)

If someone has a better theory, please advance it!

73

hasan schiers
schiers@netins.net
N0AN

----- Original Message -----
From: "Roy Bost" <rbost@itexas.net>
To: "hasan schiers" <schiers@netins.net>; "TAPR Hot Technology APRS"
<htaprs@lists.tapr.org>
Sent: Wednesday, June 28, 2000 9:13 AM
Subject: Re: [htaprs] Still no WinAPRS 2.4.7 Icons with D7A(g)

> Hasas, I'll ask the dumb question....do you have "station icons" checked
> under the "Display" menu? Turning that off gives me blue dots for each
> displayed station. I know it's not red but........
>
> Roy Bost N5TAM
> rbost@itexas.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

437. [htaprs] Re: Palm Pilot or Handspring Visor

From: Carl <carl_mail@dr.com>
Date: Thu, 29 Jun 2000 01:22:52 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-93721-2000.06.28-19.23.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Do any of these "palm" devices run DOS programs and have an RS-232 port.?
> Jeff

The Palms don't, but windows CE v3 is gaining ground and becoming half usable
now, and apparently there is a freeware DOS for it - I havent seen it running.

There is a LOT of software for the palm tho - most of what you think up, you
can do.   v2 of windows ce will even play DOOM (but v3 will not, yet...)

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

438. [htaprs] Re: Other CE devices?

From: "Valentino Sarro, VE6SZR" <sarrov@home.com>
Date: Wed, 28 Jun 2000 19:33:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93729-2000.06.28-20.37.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Carl wrote:

> windows CE v3 is gaining ground and becoming half usable.

On this same note, I saw an NEC MobilePro400 palm computer running CE
1.0 w/4 megs RAM with the docking station, etc.... for real cheap....
Can anyone recommend any uses of this equipment? The serial port used
to connect to a desktop computer (for syncronization) would probably
require a null modem adapter to be useful for packet....does that sound
right?

Tino/VE6SZR
Calgary, Alberta

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

439. [htaprs] Re: [Brian Badger] Digipeating and paths

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 28 Jun 2000 20:57:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-93739-2000.06.28-21.07.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I fantasize about new APRS routing modes, such as
>"route to lat/lon" or "route to gridsquare" where a digi that receives a
>packet thus encoded will digipeat it if and only if it is closer to the
>destination lat/lon than the digi that sent the packet.

This is something that I plan on trying out in my APRS investigations in Java this summer. My variation was to have the Digis rewrite the path based on other digis they can hear that are in the direction the packet needs to go. I don't have a thought yet on how to automate the use of IGATEs to do long haul transmissions, but I suspect that a simple rule might be that if the total distance exceeds a setting, that you would GATE instead of going out RF again.

IP routing (as in TCP/IP) uses a more general approach of a single default route and explicit routes. This reduces the number of explicit routes so that you can utilize the big pipes or most reliable transports for traffic that you don't really want to know about explicitly.

I think one of the concepts that APRS misses out on is that it guesses routing based on what users tell it instead of instituting routing based on what it knows. This is the problem that UUCP has without routing tables. When you add routing tables to UUCP, then the problem is not so dramatic, but there is still too much explicit information that makes it impossible to use working paths that would suffice when something is broken.

APRS could use default routes for each direction and provide a list of DIGIs to cover general direction coverage. I know it already provides this in the PATH, but the user must specify it, instead of having the DIGI institute it when it makes sense.

The ICMP (Internet Control Message Protocol) adds to the power by letting routers notify other routers when particular paths are no longer available. This allows the network to heal itself as best it can. I think that the next step is to contemplate these things and start to experiment with ways to reduce the explicit routing in packets (reduces bandwidth use) and move towards a more automated system that truely empowers the community to communicate effectively and reliably without so much explicit knowledge of the state of affairs from moment to moment.

Clearly, DX CW and Voice work allows us to take note of stations and associated call signs in specific areas. When we need to make contact into that area, we are well armed to make that contact effectively.

APRS I believe represents a completely different side of communications. Much like the government decided with the arpanet (now the internet), there are communications that sometimes must go through, no matter what routing is available. APRS, because of the nature of mobile users, and the expectation for it to work, must be able to take advantage of any available path with a limited amount of effort on the senders part.

We really should be able to just dial EMERGENCY! on the th-d7, turn on beacon, and not have to do anything else for the first level of notification. Without this, we will all have to know whether to use RELAY, WIDE or WIDEn-N first based on what the local TNCs have been configured with. I fear this will never be predictable with the current TNCs.

Until we can take this first step, I fear that many will still consider APRS a toy that if you have time to mess with, might be fun, but generally is too undependable to be useful.

APRS was clearly designed with a lot of foresight into the state of affairs of, then current, packet radio implementations. And the next step must clearly allow a miagration that does not interfere with existing systems. But, we have to be able to agree to make a change, and be willing to try out some ideas first.

---
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

440. [htaprs] RED DOTS

From: "MICHAEL PENKAS" <mpenkas@home.com>
Date: Thu, 29 Jun 2000 00:38:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93783-2000.06.28-23.42.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Hasan,
I am new to aprs and the programs -just got my D7 last week. I also get the red dot and the DF when I use the D7. I have so far discovered that when I use the new Winaprs version and use my PK232 I get the dot and DF but--- when I use my old Heath HK-21 handi-packet I view the icons just the way they are supposed to be with Winaprs. So it has to be a TNC problem and not the radio--- If I figure out what parameters need changing I will let you know.
Mike, WA8EBM

441. [htaprs] To Palm or CE that is the question

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Thu, 29 Jun 2000 11:36:19 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93832-2000.06.29-04.43.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

I see that this topic has come up again. I was in this sticky situation not so long ago myself. He is my out look on the situation to help those who can not decide on what is best.

Just to let you know I have a Jornada HP 420 WinCe device. A wounder full little device. I run APRS CE on the unit using the travel cable (Witch dubbels up as a charging travel cable) and the same config that the GPS cable for my GPS 3 uses in the PC jack on the rig. Works very well.

The reason that I went for a CE unit is I can run packet on the unit as well. Ok it is a bit primitive as it uses the network dial up adaptor terminal window. To my knowledge the Palm units do not have a terminal emulator, well not that I could find on the web.

On the down side for the CE units there is not quite the chose of apps that the Palm units have on the web but that is slowly changing.

I have played with the Palm 3 unit and I still think the CE unit wins hands down but that is only due to the other salt mine activities that the CE unit is better suited for in my case.

The best word of advise is look at the unit from an angel of use other than that of APRS. In my case it was APRS, Packet and work related and the option of playing MP3's :-)

Hope this helps point you in the right direction.

73'

Peter
ZR5DWC

442. [htaprs] Kenwood control protocol?

From: "Robert Snyder N2KGO" <rsnyder@toontown.erial.nj.us>
Date: Thu, 29 Jun 2000 9:46:30
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93863-2000.06.29-09.50.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there any documentation on the Kenwood control protocol that allows the
software to change settings and memories on the new digital radios? It'd be
interesting to use to make a hardware device that could switch status or
position comment...

Bob N2KGO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

443. [htaprs] Re: Kenwood control protocol?

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Thu, 29 Jun 2000 10:57:13 -0400

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93869-2000.06.29-10.01.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://home.netcom.com/~jimgill/tmd700a.htm

Has anyone worked on getting the SSTV port to work for something like DF
input?

> Is there any documentation on the Kenwood control protocol that allows the
> software to change settings and memories on the new digital radios? It'd be
> interesting to use to make a hardware device that could switch status or
> position comment...
>
> Bob N2KGO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

444. [htaprs] Re: [Brian Badger] Digipeating and paths

From: Brian Badger <Brian.Badger@wcom.com>
Date: Thu, 29 Jun 2000 09:15:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-93878-2000.06.29-10.20.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Gregg G. Wonderly" wrote:

> >I fantasize about new APRS routing modes, such as
> >"route to lat/lon" or "route to gridsquare" where a digi that receives a
> >packet thus encoded will digipeat it if and only if it is closer to the
> >destination lat/lon than the digi that sent the packet.
>
> This is something that I plan on trying out in my APRS investigations in
> Java this summer. My variation was to have the Digis rewrite the path
> based on other digis they can hear that are in the direction the packet
> needs to go. I don't have a thought yet on how to automate the use of IGATEs
> to do long haul transmissions, but I suspect that a simple rule might be that
> if the total distance exceeds a setting, that you would GATE instead of
> going out RF again.

One thing that we can take advantage of is "not every digi needs to be a smart
digi". The "classic" digi's can be used as transport, while the smart digi's can
be used as routers.

All the smart digis have to know is, what path of "classic" digi's will get me to
the next "smart" digi. They could then explicity route to that digi. The smart
digi's would look for a routing label ANYWHERE in the path, not just in order.

For instance: a path of "RELAY,WIDE,NET" could be digi'd by any local relay and
wide with the hopes that the "first mile" hops get it to a smart digi.

The smart digi, when it sees a NET anywhere in the path, knows to completely
re-address the packet with a direct path to the nearest I-GATE...

Similarly, a smart-digi that hears a packet with a path containing "DM78NV" could
lookup all the digi's it has heard the posits of, and construct a path to that
gridsquare. The digi's in between are simply network -- the smart-digi's are the
network intelligence.

--
Brian KC0HIR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

445. [htaprs] Re: [Brian Badger] Digipeating and paths

From: Brian Badger <Brian.Badger@wcom.com>
Date: Thu, 29 Jun 2000 09:26:13 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93881-2000.06.29-10.31.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian Badger wrote:

> One thing that we can take advantage of is "not every digi needs to be a smart
> digi". The "classic" digi's can be used as transport, while the smart digi's can
> be used as routers.
>
> All the smart digis have to know is, what path of "classic" digi's will get me to
> the next "smart" digi. They could then explicity route to that digi. The smart
> digi's would look for a routing label ANYWHERE in the path, not just in order.
>

Forgot to mention: a special identifier on the smart-digi's posit could
be used to alert every other smart-digi in the network to the fact that
it is a smart digi. This would allow "arp" like route discovery. In
this way, mobile smart digi's are possible.

--
Brian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

446. [htaprs] Re: [Brian Badger] Re: [Brian Badger] Digipeating and paths

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 29 Jun 2000 10:32:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-93883-2000.06.29-10.39.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The digi's in between are simply network -- the smart-digi's are the
>network intelligence.

YES!

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

447. [htaprs] UO-22 on a TH-D7A (G)

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Thu, 29 Jun 2000 12:44:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93891-2000.06.29-12.48.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been experimenting with APRS on UO-22 with a TH-D7A (G) and a whip antenna (Premier AL-800 and Comet SMA-24).

I have yet to see "My Position" or "My Message" on the downlink. Joel (K2SAT) saw me logged in with his TH-D7 and Arrow. He has had some success with this arrangement. It seems that every time I beacon, the satellite returns UOSAT5-12, but no "My Position". I do have position info entered correctly and "My Position" appears on the local digi at 1200 baud. Does the fact I receive the UOSAT5-12 when I beacon indicate the bird is busy or a incomplete exchange ? I understand that I must have a full duplex exchange to get the received "My Position".

Both Joel and I have experienced an anomaly when receiving UO-22 on the TH-D7A (G). When the satellite is at it's strongest (1-4 bars on the S-Meter), the TH-D7 (G) refuses to manually beacon. We have found that if you turn the HT off and on then it beacons correctly. Is this anomaly a problem with the HT or UO-22 ?

The parameters I have set up on the TH-D7 (G) that are unique to UO-22 are:

1-4-2   Ignore DCD
2-B   UOSAT5
2-M   A:TX B:RX
2-N   9600 baud
I have GPS turned off.

Please clue me in on any errors or omissions.

I would appreciate anyone who has seen my call sign (KC4YRT-3) on UO-22 to E-Mail me. It is not my intention to QRM the bird.

73 de KC4YRT
Don DeJarnette

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)

448. [htaprs] Re: UO-22 on a TH-D7A (G)

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Thu, 29 Jun 2000 14:04:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93907-2000.06.29-14.09.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don,

I have yet to see "My Position" or "My Message" on the downlink. Joel (K2SAT) saw me logged in with his TH-D7 and Arrow. He has had some success with this arrangement. It seems that every time I beacon, the satellite returns UOSAT5-12, but no "My Position". I do have position info entered correctly and "My Position" appears on the local digi at 1200 baud. Does the fact I receive the UOSAT5-12 when I beacon indicate the bird is busy or a incomplete exchange ? I understand that I must have a full duplex exchange to get the received "My Position".

UO-22 is working fine. You will see UOSAT5-12 being used as part of the PACSAT Broadcast Protocol that is employed on UO-22. Remember, the main function of UO-22 is a PACSAT Broadcast satellite that transmits a continuous stream of data at 9600 baud. This is very much unlike a regular terrestrial ground station where packet data is sent in short bursts of data. I will give my TH-D7A a try this evening
and log the data on my satellite station as I watch for MIR and ISS to visibly fly over Huntsville and the
Southeast USA tonight.

Both Joel and I have experienced an anomaly when receiving UO-22 on the TH-D7A (G). When the satellite is at it's strongest (1-4 bars on the S-Meter), the TH-D7 (G) refuses to manually beacon. We have found that if you turn the HT off and on then it beacons correctly. Is this anomaly a problem with the HT or UO-22 ?

The problem is NOT with UO-22. It works great. We used it on Field Day for APRS, but only found one person for a keyboard QSO. The anomaly is with the TH-D7A.

The parameters I have set up on the TH-D7 (G) that are unique to UO-22 are:

```
1-4-2    Ignore DCD
2-B       UOSAT5
2-M       A:TX  B:RX
2-N       9600 baud
```

I have GPS turned off.

Your parameters look fine for digipeating through UO-22 as it will recognize UOSAT5.
I will listen and IGate posits on the 00:37 UTC pass this evening for UO-22 and you can check to see if you have been heard on http://map.aprs.net/"your_callsign". Just substitute the callsign-SSID you used for your_callsign and if you are heard, it should appear at this web site. If not, I will save my log file.

73's,

Tim - N8DEU
Huntsville, Alabama

449. [htaprs] Re: New Alinco APRS radio?

From: "Steve Schwartz" <n6wlg@slvarc.org>
Date: Thu, 29 Jun 2000 15:38:29
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93932-2000.06.29-15.42.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The new Alinco is the DR-135TP, it's a 2 meter mobile rig that has an option for a TNC board. This unit can be purchaced with or without the TNC board installed. More detailes can be found at:

http://www.alinco.com/Products/DR-135/

Steve Schwartz, N6WLG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

450. [htaprs] Re: New Alinco APRS radio?

From: Steve Bragg <steveb@skymaster.c2-tech.com>
Date: Thu, 29 Jun 2000 15:43:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93935-2000.06.29-15.45.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve Schwartz wrote:
>
> The new Alinco is the DR-135TP, it's a 2 meter mobile rig that has an
> option for a TNC board. This unit can be purchaced with or without the TNC
> board installed. More detailes can be found at:
>
> http://www.alinco.com/Products/DR-135/

Can it actually be purchased now? Last I heard, it has not been FCC
type-accepted...

73,

Steve KA9MVA

```
   __ __ ___   ____  __  ____    _____
  / //_//   | / __ \/  |/  / |  / /   |
 / ,<  / /| |/ /_/ / /|_/ /| | / / /| |
/ /| |/ ___ |\__, / /  / / | |/ / ___ |
/_/ |_/_/  |_/____/_/  /_/  |___/_/  |_|
```
Steve Bragg KA9MVA   ka9mva@qsl.net   ICQ:29816109
HamHUD APRS Mobile Terminal: www.qsl.net/ka9mva/hamhud
Owasso, Oklahoma, USA EM27ac
Owasso Amateur Radio Club www.qsl.net/oarc

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

451. [htaprs] Re: Other CE devices?

From: Carl <carl_mail@dr.com>
Date: Fri, 30 Jun 2000 01:00:49 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-93980-2000.06.29-19.07.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> On this same note, I saw an NEC MobilePro400 palm computer running CE
> 1.0 w/4 megs RAM with the docking station, etc.... for real cheap....
> Can anyone recommend any uses of this equipment? The serial port used
> to connect to a desktop computer (for syncronization) would probably
> require a null modem adapter to be useful for packet....does that sound
> right?

Typically, yes. Have a look at my UIVIEW page (its rather messy and wordy
but I have a bit about null modem adaptors on it)

http://you.genie.co.uk/carl.littlejohns/aprs.htm

v1 CE is quite primitive, but Im sure you could get a terminal program for
it for controlling a TNC (or running a capture file) at the very least.

Carl gw0tqm
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

452. [htaprs] Re: New Alinco APRS radio?

From: "Mike Edwards" <medwards@atlantic.net>
Date: Thu, 29 Jun 2000 20:09:50 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93981-2000.06.29-19.13.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Steve Bragg <steveb@skymaster.c2-tech.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, June 29, 2000 4:43 PM
Subject: [htaprs] Re: New Alinco APRS radio?

> Steve Schwartz wrote:
> >
> > The new Alinco is the DR-135TP, it's a 2 meter mobile rig that has an
> > option for a TNC board. This unit can be purchaced with or without the
TNC
> > board installed. More detailes can be found at:
> >
> > http://www.alinco.com/Products/DR-135/
>
> Can it actually be purchased now? Last I heard, it has not been FCC
> type-accepted...
> Steve KA9MVA

Yeah Steve, it says that on the webpage :-)

Mike KE4YGT (TH-D7A(G) on backorder)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

453. [htaprs] Re: New Alinco APRS radio?

From: "Mike Edwards" <medwards@atlantic.net>
Date: Thu, 29 Jun 2000 20:13:58 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-93982-2000.06.29-19.17.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From: Mike Edwards <medwards@atlantic.net>

> Yeah Steve, it says that on the webpage :-)

Vagueness correction: It says "This radio has not been type accepted by the
FCC"

Mike

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

454. [htaprs] TH-D7A acting strange

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Fri, 30 Jun 2000 08:33:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94120-2000.06.30-08.38.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My TH-D7A version G seems to be acting strange. Yesterday, I noticed
that the Automatic Power Off was activated, but did not turn off the radio.
When I tried to turn it off and back on, I observed the following:

1. The A LED is lit and the unit is locked in transmit
2. The TNC, STA, and CON flags are all active.
3. The message "OPENING TNC" stays on the screen

If I turn the unit of and on a few times I can get it out of the TNC mode
eventually, but I think it needs to go back to the factory. It will not
enter the APRS TNC mode properly as the "OPENING TNC" remains
on the display on each attempt. Then, it is back to turning the unit on
and off a few times to get it out of the TNC mode and back to non-

APRS use.

I tried doing a full RESET a couple times with no luck.

Right after the version G upgrade I did notice that my LIST function
was getting some erroneous data as well as multiple duplicates
for several stations. When I RESET the unit at that time, it appeared
everything went back to normal.

Anybody else had any similar problems and could you correct it
without sending it back to Kenwood. The box is ready if I cannot
get this going today. No more satellites with the D7A until it gets
resolved ;-(

73's,

Tim - N8DEU
Huntsville, Alabama

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

455. [htaprs] Re: TH-D7A acting strange

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Fri, 30 Jun 2000 09:45:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94130-2000.06.30-09.49.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>My TH-D7A version G seems to be acting strange. Yesterday, I noticed
>that the Automatic Power Off was activated, but did not turn off the radio.
>When I tried to turn it off and back on, I observed the following:
>
>1. The A LED is lit and the unit is locked in transmit
>2. The TNC, STA, and CON flags are all active.
>3. The message "OPENING TNC" stays on the screen

I wrote to this list about a month ago regard flaky behavior of my TH-D7A. It
did this kind of thing. I could usually correct this by powering it from the
car 12volt adapter, or my dry cell pack. But, it may be that I just removed
power 2-3 times and it finally fixed itself as you have experienced. There
were many other weird problems with it that culminated in it locking up, and
then refusing to get past "Resetting, please wait!" no matter how I powered
it. Since I had bought it in May, I sent it back under warrenty. I talked
with a Kenwood technician after they had notified me that it was comming back
to me.

He said that they reset it, plugged it into the test set and configured it for
APRS. He saw it doing things that he did not even want to start to analyze,
so they sent me a replacement which I got yesterday (total time 2 weeks). I
have not had time to use it much, but it acted a bit odd when I first powered
it up.

I will continue to evaluate whether the new radio has corrected my experienced
problems.

If you are having any weird problems with lock ups, I would strongly suggest
that you contact Kenwood about returning the radio for replacement. There may
be a batch of incompatible parts (timing or otherwise) that are causing these
problems! If we can help Kenwood understand the number of radios that do have
problems, perhaps fewer will have to experience this nightmare!

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

456. [htaprs] TH-D7 (G) Message Transmit

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Fri, 30 Jun 2000 11:19:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94140-2000.06.30-11.24.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone noticed whether their message transmit function does NOT work with the "G" mod. Mine will not work with a message in memory and going directly to Transmit but WILL transmit if you go through the Input. Both of these functions are available by pressing the MSG button.

73 de
Don DeJarnette

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)

457. [htaprs] RandMcnally GPS and TH-D7AG

From: "Mike Penkas" <mpenkas@home.com>
Date: Fri, 30 Jun 2000 11:55:30
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94142-2000.06.30-11.59.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone had any luck mating the RM $60.00 GPS with the D7? When I initially mated mine it worked fb the first time but has not been able to communicate since. After looking at N6QAB's GPS compatibility site for the older D7's I can see that the output data that I read from my RM was not compatible with the older D7's (has 4 digits in the $GPGGA string where the useable ones have 3). I am not sure if the upgrade to the G model eliminated this problem. Can't understand why it worked once and never again.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

458. [htaprs] Upgrade to G yet?

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Fri, 30 Jun 2000 11:38:25 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94150-2000.06.30-12.41.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been reading the upgrade information about the D7A and I wonder if I should wait. Does anyone that has an upgrade experienced strange problems that could potentially be fixed with a future upgrade? Does anything "break" with the upgrade?

Thanks,

Tom NY4I

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

459. [htaprs] Re: TH-D7 (G) Message Transmit

From: Mark Sailer <msailer@users.buoy.com>
Date: Fri, 30 Jun 2000 13:36:29 -500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94151-2000.06.30-12.41.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Has anyone noticed whether their message transmit function does NOT

work with the "G" mod. Mine will not work with a message in memory and

going directly to Transmit but WILL transmit if you go through the

Input. Both of these functions are available by pressing the MSG

button.

>

> 73 de

> Don DeJarnette

>

> ddej@gsa.state.al.us (Work)

> ddej@simplecom.net (Home)

>

Mine is an out of the box G.

It works fine. Do you have the xmit on auto.

Buried somewhere in the aprs menu.

If I remember the options are no/manual/ptt/auto

I have sent numerous messages directly from the D7aG

====

Mark Sailer, N2JTW   msailer@buoy.com

Lake Grove L.I., NY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

460. [htaprs] Re: TH-D7 (G) Message Transmit

From: "stridr" <stridr@optonline.net>
Date: Fri, 30 Jun 2000 14:59:04 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94169-2000.06.30-14.03.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine's an upgraded G.

Works either way.

Data TX (menu item 2c) happens to be in manual mode, so I don't think setting it to auto will have any bearing.

Howard

Help eradicate Pediatric Brain Tumors
Support our ride 20 Aug 2000
http://go.to/nerfk

Howard Hecht   W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

  ----- Original Message -----
  From: Don DeJarnette
  To: TAPR Hot Technology APRS
  Sent: Friday, June 30, 2000 12:19 PM
  Subject: [htaprs] TH-D7 (G) Message Transmit

  Has anyone noticed whether their message transmit function does NOT work with the "G" mod. Mine will not work with a message in memory and going directly to Transmit but WILL transmit if you go through the Input. Both of these functions are available by pressing the MSG button.

  73 de
  Don DeJarnette

  ddej@gsa.state.al.us (Work)
  ddej@simplecom.net (Home)

461. [htaprs] TH-D7A (G) Message Problem

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Fri, 30 Jun 2000 14:19:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94172-2000.06.30-14.23.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried the Message Transmit in Manual, PTT and Auto. Nothing worked.

Mine has been acting squirrelly in other ways.

I guess it's time to send it back.

73 de
Don DeJarnette

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)

462. [htaprs] Need DB9 Pinout for RM GPS

From: Timothy McGowen <searchk9@home.com>
Date: Fri, 30 Jun 2000 12:55:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94182-2000.06.30-15.00.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got a great and rapid response to my original post requesting pin out
information on the Rand McNally GPS unit.

I now have it for the din connector.

Still unable to find it for the DB9. Any help would be appreciated.

(BTW I'm trying to hook it up to my TM-D700A if you know any magic
tricks)

TIA

Timothy McGowen
KE6BSV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

463. [htaprs] APRS/CE

From: "Cees Slager" <cslager@xs4all.nl>
Date: Fri, 30 Jun 2000 20:41:09 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94199-2000.06.30-16.20.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I am trying to make APRS/CE working with my Compaq 2010C and TH-D7 (E) with quite some sucess. I would
like to know how to put a map in the CE device , who can help.
I also have the Aero 2130 with the new PocketPC software but APRS/CE wont install on that device. When I
 try to install it tells me that that operating system is not supported, am I doing something wrong ?

73's Cees PD0SBC

464. [htaprs] Re: RandMcnally GPS and TH-D7AG

From: "Eric Raub" <ki0mi@earthlink.net>
Date: Fri, 30 Jun 2000 17:38:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94209-2000.06.30-17.46.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike,

It may not just be your connections.

There are three of these RM GPS's here in the central MO area and I've found
that at times they simply stop receiving satellite information. One of the
hams had problems in the house, took the thing outside with a laptop with a
clear path in all directions and still couldn't get a lock. He thought it
was dead. A few days later, he gave it a second try and amazingly it came
back to life. Mine typically goes dead at around 9pm CDST each night (this
could be because it's in the window sill and the satellites move to the
other side of the house though. I'll be checking this soon as I get my Tiny

Trak in a box and go mobile. Seems like it should find SOME satellites
though past 9pm).

Just in case there is a bad batch of these GPS's out now, the serial # is
9-6-A-59-2347. Model # 1225B-R1

Any others on the list have similar problems with RM?

73, KI0MI
Eric Raub

> Has anyone had any luck mating the RM $60.00 GPS with the D7? When I
> initially mated mine it worked fb the first time but has not been able to
> communicate since. After looking at N6QAB's GPS compatibility site for
the
> older D7's I can see that the output data that I read from my RM was not
> compatible with the older D7's (has 4 digits in the $GPGGA string where
the
> useable ones have 3). I am not sure if the upgrade to the G model
> eliminated this problem. Can't understand why it worked once and never
> again.
>
> ---
> You are currently subscribed to htaprs as: ki0mi@earthlink.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

465. [htaprs] Kenwood TH-D7A(G) Observations

From: "Eric A. Cottrell" <eac@shore.net>
Date: Fri, 30 Jun 2000 19:26:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94221-2000.06.30-19.30.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I got my radio back from Kenwood Thursday after a two day trek up the coast.
They replaced a few parts, checked it out, and upgraded it. UPS sent a email
with a tracking number to the email address I supplied.

I have not tried it out on alot of stuff (like satellite) but it seems to work
very good and I like the new features. I like the added GPS stuff even if you
have to use a key to toggle back and forth. The displays seem more useful.

It appears the D7AG beta program is the D7A program with protocol changes
to get it to talk to a D7AG. I assume they will add the new parameters.
It was handy to get my settings back (I had to remember to update the string
from APK001 to APK002). At least I could get my memories back in.

I also apreciate being able to do 1750 tone burst. I did not feel like
dragging along the D700A (it can do it as well) on the plane. I managed
to tone burst my ICOM IC-24AT (got stolen) by adding a few parts but the
old ICOM W2AT was more involved so I did not do it. I would not be surprised
if my 24AT tone burst mod is stuck in some archive somewhere. I would not
be surprised if I could get most of the UK 2m/70cm repeaters programmed in
to the radio with the 200 memories 8->.

I am going to try some satellites this weekend. Later next week I may be
up in the Oak Bay area of New Brunswick and may try some stuff up there.
I am going to run my APRS and see what this Maine network is all about.

One handy feature about the control programs is I can sync both radios to
the same frequencies easier. Too bad there is no import function where
you could read memories into both programs. I reserve the higher memories
to repeaters I use while traveling. The alphanumeric display is great for
telling where the repeater is. I coded it so local stuff uses all 8
characters like Marlboro and out-of-state stuff uses 6 characters with
the last 2 for the state like FairboOH would be the Fairborn, Ohio
repeater. It would be nice to set up a file with Dayton frequencies, or Maine
frequencies and you could read that file in without the blank entries clearing
the existing entries. So I could have only Dayton frequencies from 160 to 180
in the file and when read it only set memories 160 to 180 and leave the local
stuff at 0 to 30 alone.

The APRS and packet frequencies are in the 190 to 199 locations mainly to
get them out of the way. It is handy as I can easily access them by going
"below" channel 1. I also have all 7 weather service channels programmed
in. It was interesting to listen to the different stations I could receive
on the way to Dayton and I find it very useful.

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

466. [htaprs] Fw: tm d 700 a new rig new antenna

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 30 Jun 2000 21:27:46 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94248-2000.06.30-23.29.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: STEVE SCOTT LAS VEGAS <kd8s@skylink.net>
To: aprs th-d7 <htaprs@tapr.org>
Date: Friday, June 30, 2000 9:26 PM

>just bought a cushcraft   ar 270 antenna for   my new dualband tm-700 a
>rig .
>
>
>sent my thd7 back for upgrade
>
>
>is this the sig where we are hanging out for   tm d 700a
> and th d7 aprs
>
>
>
> 73
>
>
>steve scott
>
>
>tv 21/33
>
>las vegas
>
>kd8s
>find me on a map!   go to   http://maps.findu.com/kd8s-7   works
only
>if i am sending my position out   and in satellite range
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

467. [htaprs] th d 7 return upgrade

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 30 Jun 2000 21:45:09 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94250-2000.06.30-23.46.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

sent my baby back from las vegas to california on monday ,.

i sure miss it. hope to get it back by next july 7.

any you hams think that all we do in las vegas is party!

find me on a map!   go to   http://maps.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

July 2000

Original source file: htaprs.0007
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0007

1. [htaprs] Need Help on Component value in TH-D7AG

From: "Mike Penkas" <mpenkas@home.com>
Date: Sat, 1 Jul 2000 0:19:45
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94265-2000.07.01-00.23.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had a problem with th7 not recognizing gps input. I got the guts and disassembled my 10 day old radio. As I thought, it was in the GPS input jack. There was a broken what appears to be resistor that goes from the ground sleeve on the connector to ground on the circuit board. The shield was completely disconnected from the radio. Does anyone have a schematic and could tell me what the value of the resistor is supposed to be. I guess it is about .5 ohm. The one that was in there was completely bent up and broken-strange how it passed their QC tests.   Mike WA8EBM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] PocketAPRS/APRSce & UK Maps

From: g7exz <g7exz@netscapeonline.co.uk>
Date: Sat, 01 Jul 2000 11:07:31 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94300-2000.07.01-05.33.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,
Any UK Hams out there using either PocketAPRS or APRSce if so where did you get the maps from or is there anyone that has made their own? (How ?)
Any pro's & con's ref Palm IIIx vs. CE devices ? I use a Psion 3c 2mb at the moment and have all but given up on it, the cost of progress I suppose :(
Any info at all would be most welcome !

73 de Steve G7EXZ (TH-D7E Mk2)

PS.
Bob, Have Kenwood started work on the D7's future replacement ? yes I think it's a GREAT Rig but I'd like to be able to trickle charge & use it at the same time, the only other improvement I would like to see is a "feature connector" on the bottom (ala mobile phones) to combine Antenna/Power/Data/GPS/Ext.Speaker this would enable us to "roll our own" accessories for Mobile or Base use (remember that cool Mobile Pwr/Charger for the Yaesu FT51r ?) AND connect to an external antenna without messing around with SMA connectors - yuck
Any suggestions from other users perhaps we could pass on our "wish list" to Kenwood !

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Thanks for MSG Help on D7 (G)

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Sat, 1 Jul 2000 12:58:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94339-2000.07.01-13.02.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Many thanks to all who replied to my problem with the Message Transmit on the D7 (G).

I was able to solve the problem (and several others) with a system Reset.

73 de Don KC4YRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Re: Need DB9 Pinout for RM GPS

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sat, 1 Jul 2000 13:16:33
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94341-2000.07.01-13.20.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

DB-9 pinout is the same as the pinout on the Garmin GPS 35 PC DB-9
connector.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: wanted: control programs tm-d700

From: "Jeffrey Brissette" <kd7JNY@link-11.com>
Date: Sun, 2 Jul 2000 10:17:6
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94452-2000.07.02-10.21.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are talking about the MCP program, You can get it off Kenwoods FTP
server (ftp.kenwood.net) you need to go down the software directory instead
of the amateur directory. It seems to work ok. On the plus side outside of
a few minor things, you can use it to read in the D7 config and use it as a
basis for D700 config. It made it much easier put the repeater freq into
it, since I didn't have to retype them in.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] New D-700S Model Has Built In GPS!!

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Mon, 3 Jul 2000 18:40:15
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94617-2000.07.03-18.44.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out the new D-700S model on Kenwood's Japan sight---it has built in
GPS! Now I know why I couldn't figure out what that extra Molex connector
was for (the one in addition to the voice synthesizer module plug). As best
I can read Japanese, the optional GPS plug in module lists for
$140---smells like a street price of $100--not bad!

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] Re: New D-700S Model Has Built In GPS!!

From: Timothy McGowen <searchk9@home.com>
Date: Mon, 03 Jul 2000 17:21:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94624-2000.07.03-19.27.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Where do you plug in the antenna?

Any time frame for us US types. I will wait and not buy the Rand McNally
!

Timothy McGowen

Larry Zanella wrote:
>
> Check out the new D-700S model on Kenwood's Japan sight---it has built in
> GPS! Now I know why I couldn't figure out what that extra Molex connector
> was for (the one in addition to the voice synthesizer module plug). As best
> I can read Japanese, the optional GPS plug in module lists for
> $140---smells like a street price of $100--not bad!

>
> Larry
>
> ---
> You are currently subscribed to htaprs as: searchk9@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: New D-700S Model Has Built In GPS!!

From: Timothy McGowen <searchk9@home.com>
Date: Mon, 03 Jul 2000 17:30:49 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94625-2000.07.03-19.36.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well after looking at the sight, Congrats on figuring it out.

The only thing I could figure was the optional TGP-10 which using the
currency calculator I used works out to $366. US! Hope that's not right.

Timothy McGowen wrote:
>
> Where do you plug in the antenna?
>
> Any time frame for us US types. I will wait and not buy the Rand McNally
> !
>
> Timothy McGowen
>
> Larry Zanella wrote:
> >
> > Check out the new D-700S model on Kenwood's Japan sight---it has built in
> > GPS! Now I know why I couldn't figure out what that extra Molex connector
> > was for (the one in addition to the voice synthesizer module plug). As best
> > I can read Japanese, the optional GPS plug in module lists for
> > $140---smells like a street price of $100--not bad!
> >
> > Larry
> >
> > ---
> > You are currently subscribed to htaprs as: searchk9@home.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: searchk9@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] GPS passive repeater?

From: Chris Arndt <carndt@slonet.org>
Date: Mon, 3 Jul 2000 19:01:12 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94629-2000.07.03-21.05.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone made a GPS passive repeater to bring GPS signals into a
building? Our aluminum shingles keep GPS out of the garage. I'd like to
put an antenna on the roof cabled to a radiator inside, to keep the GPSes
locked on while the cars are in the garage.

Oh, and I'm looking for recommendations for a no-display GPS engine that
will run on 12 vdc, accept an external antenna and squirt out NMEA
sentences suitable for the D700. I want to stick a D700 in my wife's new
4Runner, and use a combo hockey puck cell/GPS antenna on the roof for
those 2 functions. (She's already missing her TM-733 and cell phone, and
she's gonna let me drill the roof for the 2 antennas we need. Oh boy!)

Chris KD6DSI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Re: Thanks for MSG Help on D7 (G)

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 03 Jul 2000 21:11:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94631-2000.07.03-21.15.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don DeJarnette wrote:
>
> Many thanks to all who replied to my problem with the Message Transmit on
> the D7 (G).
>
> I was able to solve the problem (and several others) with a system Reset.
>
> 73 de Don KC4YRT
>

Thanks also from me, of course, I didn't know I had the
problem with my D7A until you guys started this
thread.. A Full Reset and all is fine.

Thanks

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Re: New D-700S Model Has Built In GPS!!

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Mon, 3 Jul 2000 22:51:57
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94645-2000.07.03-22.56.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Keep in mind that just because it is available in Japan by no means implies
that it will also be available in the US! Also, who knows if the 700S
requires an entirely new radio (GPS antenna port,etc.). I wouldn't change
my buying plans based on their Japanese version. Sure is interseting,
though!

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Re: GPS passive repeater?

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Mon, 3 Jul 2000 23:41:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94652-2000.07.03-23.45.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Garmin GPS 35 PC is great! The Garmin supplied DB-9 terminated cable
plugs into the Kenwood PG-4W cable for true plug and play connection to the
D700 via the PG-4W cable's 2.5mm stereo plug termination.

If you go the other route, check with Radiall/Larsen as they have an
integrated cellular/GPS antenna all in one. However, don't forget that this
will not work with a dual band phone (850 MHz cellular and 1900 MHz PCS).

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] GPS passive repeater, No-display GPS

From: Darrell Hale <halehome@home.com>
Date: Tue, 04 Jul 2000 12:29:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94722-2000.07.04-11.32.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Has anyone made a GPS passive repeater to bring GPS signals into a
>building? Our aluminum shingles keep GPS out of the garage.

I have seen such used in an office/lab setting, and at a trade show in a
hotel conference room setting.

An antenna was simply put on the roof, cabled to an amplifier with about
100' of coax, and retransmitted inside through a pattive antenna.

I have heard that a direct antenna to antenna connection with an extremely
short run (ie: inches) _may_ work, esp with an amplified antenna on the
outside and a passive antenna on the inside.

I have not set up such a thing though, so I can't be real specific.

>Oh, and I'm looking for recommendations for a no-display GPS engine that
>will run on 12 vdc, accept an external antenna and squirt out NMEA
>sentences suitable for the D700.

I like the GPS 35 as well. The GPS engine and antenna are all in a unit
about the size of a small mouse case. I ordered the GPS35-HVS model
(010-00153-03) which as RS232 level outputs and runs on a wide range of
power. Online manuals are available at the Garmin site. Depending on how
you want to attach it to the roof, you can simply run screws through the
roof into the unit, or buy something like the magnetic mount accessory.

Of course that will not help with the cell phone antenna.

>I want to stick a D700 in my wife's new
>4Runner, and use a combo hockey puck cell/GPS antenna on the roof for
>those 2 functions. (She's already missing her TM-733 and cell phone, and
>she's gonna let me drill the roof for the 2 antennas we need. Oh boy!)
>
>Chris KD6DSI

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] No-display GPS (2)

From: Darrell Hale <halehome@home.com>
Date: Tue, 04 Jul 2000 12:42:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94724-2000.07.04-11.45.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oh yea,

The manual is online at

    http://www.garmin.com/manuals/spec35.pdf

This unit can do alot of stuff that I don't need (like RTCM DGPS support,
unit status, and phased data output) but it's there if I ever want to try
using it.

Pages 8 through 13 show mounting options and the wiring diagram.

Don't be distracted with the Evaulation Kit stuff. Unless you are trying to
develop a system that requires actively interfacing with the unit, it's
unnecessary overkill.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Re: No-display GPS (2)

From: "Walter Dunckel" <walter@radiohound.com>
Date: Tue, 4 Jul 2000 10:32:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94732-2000.07.04-12.36.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Most of the non-display GPS's I have seen seem to cost more than the cheaper mass manufactured "with display" models. However, the best non display model I have seen is the pharos gps. It is about 2" x 2" and last I heard cost about $125. You will have to step down your cars 12 volt source to 5 volts, but that is easy.

http://www.pharosgps.com/product/igps180.pdf

Another interesting device is the Handspring Spring Board module from Geodiscovery. This GPS device plugs into a Handspring Palm PDA and provides mapping software as well as the integrated GPS device. It is supposed to retail for about $250 (thats the SpringBoard Geodiscovery GPS module only). Check out http://www.geodiscovery.com/GeoFlyerV2.pdf for more info on this not yet deliverable item, or www.handspring.com . My Handspring 8meg Palm is on its way from Handspring ($249) ..... I can't wait to use it with PocketAPRS :)

Walter
www.radiohound.com

----- Original Message -----
From: "Darrell Hale" <halehome@home.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, July 04, 2000 9:42 AM
Subject: [htaprs] No-display GPS (2)

>
> Oh yea,
>
> The manual is online at
>
>   http://www.garmin.com/manuals/spec35.pdf
>
> This unit can do alot of stuff that I don't need (like RTCM DGPS support,
> unit status, and phased data output) but it's there if I ever want to try
> using it.
>
> Pages 8 through 13 show mounting options and the wiring diagram.
>
> Don't be distracted with the Evaulation Kit stuff. Unless you are trying
to
> develop a system that requires actively interfacing with the unit, it's
> unnecessary overkill.
>
> Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Re: No-display GPS

From: "Bob Snyder" <rsnyder@toontown.erial.nj.us>
Date: Tue, 4 Jul 2000 13:54:30 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94736-2000.07.04-12.58.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Darrell Hale wrote:

> I like the GPS 35 as well. The GPS engine and antenna are all in a unit
> about the size of a small mouse case. I ordered the GPS35-HVS model
> (010-00153-03) which as RS232 level outputs and runs on a wide range of
> power. Online manuals are available at the Garmin site. Depending on how
> you want to attach it to the roof, you can simply run screws through the
> roof into the unit, or buy something like the magnetic mount accessory.

The docs refer to two serial ports on this device, but the wiring diagrams seem to indicate that it's only useful for hooking up a differential unit to the GPS 35. I don't suppose it can do NMEA on both....?

Bob N2KGO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] RE: GPS passive repeater?

From: "John Arndt" <johna@innercite.com>
Date: Tue, 4 Jul 2000 12:04:44 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94757-2000.07.04-14.08.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here you go, cuz:

http://www.navtechgps.com/supply/rerad.asp

I wonder if you could just use an active antenna supplied with 5v to the amp
and put up a 1/4 wave re-radiator inside. I'll bet that would work.

John - KD6SSZ - F650531 - #549
johna@innercite.com
QRX

> -----Original Message-----
> From: bounce-htaprs-12880@lists.tapr.org
> [mailto:bounce-htaprs-12880@lists.tapr.org]On Behalf Of Chris Arndt
> Sent: Monday, July 03, 2000 7:01 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] GPS passive repeater?
>
>
> Has anyone made a GPS passive repeater to bring GPS signals into a
> building? Our aluminum shingles keep GPS out of the garage. I'd like to
> put an antenna on the roof cabled to a radiator inside, to keep the GPSes
> locked on while the cars are in the garage.
>
> Oh, and I'm looking for recommendations for a no-display GPS engine that
> will run on 12 vdc, accept an external antenna and squirt out NMEA
> sentences suitable for the D700. I want to stick a D700 in my wife's new
> 4Runner, and use a combo hockey puck cell/GPS antenna on the roof for
> those 2 functions. (She's already missing her TM-733 and cell phone, and
> she's gonna let me drill the roof for the 2 antennas we need. Oh boy!)
>
> Chris KD6DSI
>
>
> ---
> You are currently subscribed to htaprs as: johna@innercite.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: Garmin Cable

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 4 Jul 2000 19:13:28 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94759-2000.07.04-14.18.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> Also, >my III+ has stopped sending NMEA data to my D7, or my D7 no longer >accepts NMEA data from my
 III+, take your pick. I see from the list >that I am not the only one suffering from this. Has any
explanation >for this been discovered as yet?

To answer my own question, I found the problem. The plug supploed by Kenwood has bad leads and should
not be used. My cable GPS Tx and Rx lines now both work since I replaced the plug. It was simple. I
bought a replacement gold plated soldertail plug from Radio Shack, cost less than two bucks.
This one opens up and allows you to solder the line leads to internal gold plated soldertails, then seal
 up the plug. The whole thing works great!
I only found out my posit was not going out from my D7 when I checked my Position using the POS button.
I would watch my position reading change as I was driving sometimes. A couple of weeks ago I noticed my
position was all zeros on the D7 POS display, but waypoint data continued to update on my GPS III+

screen as usual.
Many others may be in the same condition with the clunky plugs. I see at least four units regularly coming up on the digi network here in NJ as position JJ.OO.AA. Press that POS button folks and find out if you are beaconing zero posits.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Re: New D-700S Model Has Built In GPS!!

From: Eric Cuthbert <cuthbert@sympatico.ca>
Date: Tue, 04 Jul 2000 15:23:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94760-2000.07.04-14.27.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As far as I can tell, 39,800 yen converts to $555.196 cdn, which is close to $100. USD!!

I did my conversions from:
http://sookenet.com/silverstreak/currencyconverter.html

-=73=- Eric - va3ewc

Larry Zanella wrote:
>
> Check out the new D-700S model on Kenwood's Japan sight---it has built in
> GPS! Now I know why I couldn't figure out what that extra Molex connector
> was for (the one in addition to the voice synthesizer module plug). As best
> I can read Japanese, the optional GPS plug in module lists for
> $140---smells like a street price of $100--not bad!
>
> Larry
>
> ---
> You are currently subscribed to htaprs as: va3ewc@rac.ca
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] Re: No-display GPS (2)

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Tue, 4 Jul 2000 16:2:12
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94771-2000.07.04-16.06.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In my opinion, I feel that the evaluation kit is well worth it.

You get all 4 mounting hardware units (complete with all hardware) which more than pays for the cost of the kit. In addition, you get the software that is necessary to program it. Any change(s) you may want to (eventually)make, such as selecting 9600 baud versus 4800, will require this software. And, since I wasn't sure which hardware mount I wanted to use, this alone paid for the kit, and now I have the programming kit.

My 2 cents...

Larry Zanella

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] How to step 12v to 6v for VC-H1?

From: "David C. Kovar" <kovar@webnexus.com>
Date: Tue, 04 Jul 2000 16:53:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94783-2000.07.04-18.57.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good evening,

I want to use my VC-H1 in a mobile setting without burning through AA batteries. Unfortunately, it runs on 6v and everything I can find will convert 12v to 5v, not 6v. Rather annoying.

Can anyone point me to a good source for a 12v to 6v converter to use with
the VC-H1? Failing that, a good circuit to build to do this? I'd prefer
something pre-built, due to my less than wonderful construction skills.

Thanks very much.

-David

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: No-display GPS

From: "Ron Francois" <Francois@talx.com>
Date: Tue, 04 Jul 2000 21:01:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94798-2000.07.04-21.07.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Rand McNalley gps with StreetFinder 2000 works very well, and will take anywhere from 5 to 16 volts.
Not weather proof so it's only good for your personal car use on your dash or rear deck. You can
get them for $79 at your nearest RandMcNalley store or direct from them.

http://www.gpsnuts.com/myGPS/GPS/Hardware%20reviews/RandMcNally/rand_mcnally_gps.htm

Ron K0STL

>>> "Bob Snyder" <rsnyder@toontown.erial.nj.us> 7/4/00 12:54:30 PM >>>
Darrell Hale wrote:

> I like the GPS 35 as well. The GPS engine and antenna are all in a unit
> about the size of a small mouse case. I ordered the GPS35-HVS model
> (010-00153-03) which as RS232 level outputs and runs on a wide range of
> power. Online manuals are available at the Garmin site. Depending on how
> you want to attach it to the roof, you can simply run screws through the
> roof into the unit, or buy something like the magnetic mount accessory.

The docs refer to two serial ports on this device, but the wiring diagrams
seem to indicate that it's only useful for hooking up a differential unit to
the GPS 35. I don't suppose it can do NMEA on both....?

Bob N2KGO

You are currently subscribed to htaprs as: ron@talx.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: No-display GPS

From: Chris Arndt <carndt@slonet.org>
Date: Tue, 4 Jul 2000 20:33:32 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94803-2000.07.04-22.37.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It looks like my best bet is to either use one of my existing GPSes,
probably the Garmin GPS II+, or buy a cheapo new display model. It's
counter-intuitive to me that there isn't a no-display model with an
external antenna jack that's less expensive than a more capable one, but
that ignores market pressure. I'll just stick it in the cubby hole with
the D700, wire it into the battery, and forget that it has a display on
it.

I looked at Garmin 35s, but they don't accept external antennas, and
minimizing external penetrations is important in this case. I need 2m/440,
cell and GPS. I can do it with 2 holes with 2 combination antennas,
cell/GPS, and 2m/440.

Thanks to all for their advice. I appreciate it, and it confirms what I
was already concluding.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] Re: No-display GPS

From: Greg Noneman <greg@clubnet.net>
Date: Tue, 4 Jul 2000 22:07:12 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94818-2000.07.05-00.12.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Chris,

If you're interested in making a small project out of it, I have the
perfect solution for you. You can do what I did in my D700 installation.
 I basically gutted a Rand McNally unit for the GPS engine, installed it
in a plastic case about the size of a pack of cigarettes, and put
appropriate connectors and switches for power, antenna, and data on the
box. Plug in the power, antenna and connect to the D700 and away you go.

If you're interested in the details, let me know.

Greg
WB6ZSU

>It looks like my best bet is to either use one of my existing GPSes,
>probably the Garmin GPS II+, or buy a cheapo new display model. It's
>counter-intuitive to me that there isn't a no-display model with an
>external antenna jack that's less expensive than a more capable one, but
>that ignores market pressure. I'll just stick it in the cubby hole with
>the D700, wire it into the battery, and forget that it has a display on
>it.
>
>I looked at Garmin 35s, but they don't accept external antennas, and
>minimizing external penetrations is important in this case. I need 2m/440,
>cell and GPS. I can do it with 2 holes with 2 combination antennas,
>cell/GPS, and 2m/440.
>
>Thanks to all for their advice. I appreciate it, and it confirms what I
>was already concluding.
>
>
>---
>You are currently subscribed to htaprs as: GREG@CLUBNET.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: Larry Bush <lbush@2fords.net>
Date: Wed, 05 Jul 2000 07:05:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94865-2000.07.05-07.08.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Look at http://www.w5ncd.com.

"David C. Kovar" wrote:

> Good evening,
>
> I want to use my VC-H1 in a mobile setting without burning through AA
> batteries. Unfortunately, it runs on 6v and everything I can find will
> convert 12v to 5v, not 6v. Rather annoying.
>
> Can anyone point me to a good source for a 12v to 6v converter to use with
> the VC-H1? Failing that, a good circuit to build to do this? I'd prefer
> something pre-built, due to my less than wonderful construction skills.
>
> Thanks very much.
>
> -David
>

> ---
> You are currently subscribed to htaprs as: w5ncd@bigfoot.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] RE: New D-700S Model Has Built In GPS!!

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 5 Jul 2000 09:39:32 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94873-2000.07.05-08.43.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If the GPS unit is inside the radio, it would either need an external antenna, or the chassis would need a clear, unobstructed view of the sky. I see no advantage to the configuration. There may be an advantage in putting a GPS sensor inside a D7, however.

Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Larry Zanella
Sent: Monday, July 03, 2000 6:40 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] New D-700S Model Has Built In GPS!!

Check out the new D-700S model on Kenwood's Japan sight---it has built in GPS! Now I know why I couldn't figure out what that extra Molex connector was for (the one in addition to the voice synthesizer module plug). As best I can read Japanese, the optional GPS plug in module lists for $140---smells like a street price of $100--not bad!

Larry

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] RE: New D-700S Model Has Built In GPS!!

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Wed, 5 Jul 2000 9:52:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94883-2000.07.05-09.56.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is less wiring and interfacing hassle. Also, if Kenwood has an integrated antenna, then it would be a snap! For instance, my Mercedes has a factory installed dual band cellular/PCS antenna (850 and 1900 MHz!) plus a GPS antenna, all 3 integrated into a single, multiband antenna system, with one coax run to the front panel 6" TFT display master conntrol system. The MCS includes a preamp, splitter and +5V bias supply 9for the GPS) all integrated.

I would think if Kenwood comes out with a GPS inside the radio chassis it would only be logical to come out with an antenna covering 2m/440 and GPS, all in one, with one coax run and one hole/mounting spot on the roof. Keep in mind that what Mercedes includes in my car is at least as complex as what I am talking about here. And, we all know that the Japanese are second to none when a technical challenge is laid down. In my opinion, it will depend on whether we are willing to pay some $bucks for this, or not.

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] RE: New D-700S Model Has Built In GPS!!

From: "Walter Dunckel" <walter@radiohound.com>
Date: Wed, 5 Jul 2000 08:51:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94896-2000.07.05-11.02.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I still don't see the advantage. You still need to connect an antenna! So whats the advantage of connecting an antenna vs connecting a GPS? For one thing you loose the ability to view all stations in a graphic display (the gps display), as well as the ability to view where the heck you are. The GPS gives me a heck of a lot of info on that little screen. Time, elevation, average speed, estimated destination time, distance from all waypoints, can also have alarms as you near waypoints/other stations, plus a ton of other features.

As far as the antennas are concerned, perhaps you would look less like a porcupine, but the gps antenna is fairly unobtrusive. And it sounds like two antennas (one for 2m/440 and one GPS) will be a heck of a lot cheaper than a preamp, splitter, and multiband antenna. However, if I owned a Mercedes I think I would be reluctant to drill a single hole in my roof, so it better come with a 2m/440/GPS/FM/AM/cell/PCS antenna.

Just my thoughts

Walter

----- Original Message -----
From: "Larry Zanella" <larry.zanella@attws.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, July 05, 2000 9:52 AM
Subject: [htaprs] RE: New D-700S Model Has Built In GPS!!

> There is less wiring and interfacing hassle. Also, if Kenwood has an
> integrated antenna, then it would be a snap! For instance, my Mercedes has
> a factory installed dual band cellular/PCS antenna (850 and 1900 MHz!)
plus
> a GPS antenna, all 3 integrated into a single, multiband antenna system,
> with one coax run to the front panel 6" TFT display master conntrol
system.
> The MCS includes a preamp, splitter and +5V bias supply 9for the GPS) all
> integrated.
>
> I would think if Kenwood comes out with a GPS inside the radio chassis it
> would only be logical to come out with an antenna covering 2m/440 and GPS,
> all in one, with one coax run and one hole/mounting spot on the roof. Keep
> in mind that what Mercedes includes in my car is at least as complex as
> what I am talking about here. And, we all know that the Japanese are
second
> to none when a technical challenge is laid down. In my opinion, it will
> depend on whether we are willing to pay some $bucks for this, or not.
>
> Larry
>
> ---
> You are currently subscribed to htaprs as: walterd@radiohound.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] RE: New D-700S Model Has Built In GPS!!

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Wed, 5 Jul 2000 10:09:55 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94905-2000.07.05-12.14.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of Larry Zanella

I would think if Kenwood comes out with a GPS inside the radio chassis it

would only be logical to come out with an antenna covering 2m/440 and GPS,
all in one, with one coax run and one hole/mounting spot on the roof. Keep
in mind that what Mercedes includes in my car is at least as complex as
what I am talking about here. And, we all know that the Japanese are second
to none when a technical challenge is laid down. In my opinion, it will
depend on whether we are willing to pay some $bucks for this, or not.

That's potentially true except for one little complication - protecting the
GPS preamp from the 50W of 2M RF or the 35W of 440 RF. Excellent harmonic
suppression of the transmitters would also be a must, to keep from
overloading the front end of the GPS (now sharing the same coax) as 11th
harmonics of 2 meters are close if not within the pass band of the GPS.
This is one of the things some of us would like to solve for trackers
designed for SAR, to essentially be able to put the GPS antenna on top of
the 2M antenna, so both might be enclosed in PVC tubing and strapped to
searchers' pack frames. It will be interesting to see if someone rises to
the challenge.

73, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: Cliff Uyeda <cuyeda@ix.netcom.com>
Date: Wed, 05 Jul 2000 11:25:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94917-2000.07.05-13.28.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, fortunately for you I have this Kenwood part number in my notes:
W01-0921-05. This is a cigarette lighter adapter for the Kenwood CD
players requiring 6vdc. This will fit and work for the VC-H1 units. The
Kenwood parts distributor should quote: $28.38 + shipping.

73

At 07:05 AM 7/5/00 -0500, Larry Bush wrote:
>Look at http://www.w5ncd.com.
>
>"David C. Kovar" wrote:
>
> > Good evening,
> >
> > I want to use my VC-H1 in a mobile setting without burning through AA
> > batteries. Unfortunately, it runs on 6v and everything I can find will
> > convert 12v to 5v, not 6v. Rather annoying.
> >
> > Can anyone point me to a good source for a 12v to 6v converter to use with
> > the VC-H1? Failing that, a good circuit to build to do this? I'd prefer
> > something pre-built, due to my less than wonderful construction skills.
> >
> > Thanks very much.
> >
> > -David
> >
> > ---
> > You are currently subscribed to htaprs as: w5ncd@bigfoot.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>---
>You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: New D-700S Model Has Built In GPS!!

From: Kenwood Customer Care <cuyeda@ix.netcom.com>
Date: Wed, 05 Jul 2000 11:54:32 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: paulem@ix.netcom.com
Message-ID: <LYR845-94919-2000.07.05-13.57.01--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

To all on the list,

Just to set the record straight and not let this rumor get out of
hand. Kenwood USA decided not to make the optional GPS available to the
general (US) market. There are so many full featured GPS units available
and is difficult to compete. Kenwood felt that most US operators would opt
for one of the available GPS units rather than to buy a Kenwood GPS. NO
New versions of the TM-D700A units will be introduced other than what is
available now.

Kenwood

****
At 06:40 PM 7/3/00 +0000, you wrote:
>Check out the new D-700S model on Kenwood's Japan sight---it has built in
>GPS! Now I know why I couldn't figure out what that extra Molex connector
>was for (the one in addition to the voice synthesizer module plug). As best
>I can read Japanese, the optional GPS plug in module lists for
>$140---smells like a street price of $100--not bad!
>
>Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] RE: New D-700S Model Has Built In GPS!!

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Wed, 5 Jul 2000 13:04:05 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94922-2000.07.05-14.07.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received a flyer the other from Antenex. Antenex has come out with an
integrated GPS/NMO mount. It has two coax runs coming from it. It allows
putting any NMO type antenna along with the GPS. I checked their webpage
(www.antenex.com), but I did not see it.

They also have an NMO GPS antenna if you already have an NMO that you want
to add the GPS.

Tom NY4I
----- Original Message -----
From: "Larry Zanella" <larry.zanella@attws.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, July 05, 2000 9:52 AM
Subject: [htaprs] RE: New D-700S Model Has Built In GPS!!

> There is less wiring and interfacing hassle. Also, if Kenwood has an
> integrated antenna, then it would be a snap! For instance, my Mercedes has
> a factory installed dual band cellular/PCS antenna (850 and 1900 MHz!)
plus
> a GPS antenna, all 3 integrated into a single, multiband antenna system,
> with one coax run to the front panel 6" TFT display master conntrol
system.
> The MCS includes a preamp, splitter and +5V bias supply 9for the GPS) all
> integrated.
>
> I would think if Kenwood comes out with a GPS inside the radio chassis it
> would only be logical to come out with an antenna covering 2m/440 and GPS,
> all in one, with one coax run and one hole/mounting spot on the roof. Keep
> in mind that what Mercedes includes in my car is at least as complex as
> what I am talking about here. And, we all know that the Japanese are
second
> to none when a technical challenge is laid down. In my opinion, it will
> depend on whether we are willing to pay some $bucks for this, or not.
>
> Larry
>
> ---
> You are currently subscribed to htaprs as: toms@inconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] TM-D700S site

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Wed, 5 Jul 2000 19:28:10 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94925-2000.07.05-14.23.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please could some one point me in the direction of an English site with info or pics of the D700S unit. All I can find is a Japanese site with no pics on the d700s unit. I did note that Japan has some strange models TM-V708 for one. Strange one that.

Many thanks

Peter

34. [htaprs] Re: New D-700S Model Has Built In GPS!!

From: Randy Allen KAØAZS <ka0azs@commkey.net>
Date: Wed, 05 Jul 2000 17:08:25 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94935-2000.07.05-16.12.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Without getting into the pros and cons of the marketing decision; I think it is GREAT that Kenwood is monitoring this list and is providing feedback! I wish some of the other manufacturers would follow suit (along with the Manual/Service bulletin FTP site, etc.) The others may lurk, but these are the only guys I've seen uncloak. FULL DISCLOSURE STATEMENT: All of my new gear has been of another manufacturer, with some used equipment from Kenwood, at least up until now as I'm getting more and more into APRS....

Kenwood Customer Care wrote:
>
> To all on the list,
>
> Just to set the record straight and not let this rumor get out of
> hand.

--
Randy Allen, KAØAZS
Asst. EC Montgomery CO Ohio
OH Dist. 3 ARES Web Page:
http://www.cmplus.com/public/hamd3.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: [htaprs]D700 & PharosGPS (was: New D-700S Model Has Built In GPS!!)

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Wed, 05 Jul 2000 16:18:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94936-2000.07.05-16.24.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For about the same price I have installed a Pharos GPS to feed my D700. I have it mounted on the passenger side near the "A" post http://www.steffeninc.com/d71.jpg . The D700 is mounted on the floor with the display on the dash http://www.steffeninc.com/d72.jpg .

I was very impressed with the Pharos unit. It is about 1-1/2" square. The first time I plugged it in I had a position lock in less than 30 seconds. Don't know how it did that unless they pre-loaded the almanac during manufacturing.

My only complaint is that I am unable to read the D700 display in normal sunlight. If it is cloudy, dusk or dark it is great but a normal sunny day....forget it.

Dave
WB0WNX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Slow turnaround at Kenwood East Coast

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Wed, 05 Jul 2000 16:28:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94943-2000.07.05-16.35.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have to admit that I am a bit disappointed with Kenwood on how they handled the upgrade to D7G. When I was at Dayton I was told by a Kenwood person in their booth that I should subscribe to the Kenwood e-mail system at their web page. I was told to do that to be able to get the information of the upgrade. The Kenwood sales guy told me not to send the unit in until the upgrade was announced via e-mail, not to believe what I was seeing on the APRS SIG about the upgrade since Kenwood would release the only official upgrade information.

Thank goodness I do subscribe to the APRSSIG! Kenwood has never sent any information (at least that I received and I did confirm that I am on the e-mail list). When I read on the SIG how people were sending their units in for upgrade I chuckled to myself that it would take weeks to get their unit back since the official release was never sent out. Imagine my surprise when people on the SIG starting talking about receiving their units back after only 1-2 day turn time! Well, I figured I should send mine in and get some of this great service, even though there still was no notification via e-mail that the upgrade was officially release.

Just so show you no good deal goes unpunished, Kenwood East Coast received my D7A for upgrade on June 21st. When I called today they had not started working on it yet but thought they might get to it today. Wonder what happened to that 2-3 day turnaround.

Dave

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] APRS Aeronautical Mobile

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 5 Jul 2000 14:31:22 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94945-2000.07.05-16.35.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had the pleasure of being at the right place at the right time this 4th July, as one of my friends' brother-in-law said "The next thing I need to look into, is APRS for my sailplane". This man had his own reasons for being interested in APRS as he was one of the "fathers" of the GPS satellites having been one of the senior members of the design team for the clocks that go inside them!

I was able to show him APRS in action using the Kenwood TH-D7A(G) and the TM-D700A, and now he's all fired up about setting up a tracker box in his 15m Standard Class sailplane. While he is electronically minded, I'm hoping that he'll invite me along to do the radio tests. Ok, Ok, I just want to go up in the sail plane! I admit it!

So, anyone out there go aeronautical mobile with an APRS tracker? What equipment do you use? How successful have you been? Did you discover any previously unforseen problems? Got any useful tips?

Julian, N3JF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] Re: New D-700S Model Has Built In GPS!!

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Wed, 5 Jul 2000 16:31:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>,
TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94946-2000.07.05-16.40.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Makes you wonder if Alinco, Yaesu, et. al., are lurking too!

Randy Allen KA

39. [htaprs] Re: APRS Aeronautical Mobile

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Wed, 05 Jul 2000 16:52:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94948-2000.07.05-16.56.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Julian M. Frost" wrote:
>
> I had the pleasure of being at the right place at the right time this 4th
> July, as one of my friends' brother-in-law said "The next thing I need to
> look into, is APRS for my sailplane". This man had his own reasons for
> being interested in APRS as he was one of the "fathers" of the GPS
> satellites having been one of the senior members of the design team for
> the clocks that go inside them!
>
> I was able to show him APRS in action using the Kenwood TH-D7A(G) and the
> TM-D700A, and now he's all fired up about setting up a tracker box in his
> 15m Standard Class sailplane. While he is electronically minded, I'm
> hoping that he'll invite me along to do the radio tests. Ok, Ok, I just
> want to go up in the sail plane! I admit it!
>
> So, anyone out there go aeronautical mobile with an APRS tracker? What
> equipment do you use? How successful have you been? Did you discover any
> previously unforseen problems? Got any useful tips?
>
> Julian, N3JF
>

Hi Julian,

I did about the same thing. A friend invited me up one
day in a Cessna 172 rented plane and I took the D7A and
a Tripmate.. What a blast! When I got home the track
was very cool and precisely laid out... I experienced
no lockups, had no difficulties beaconing at the 1
minute interval.. I forget what path I used, but around
the Chicagoland area I hope I used only WIDE, for at
1500 feet who needs RELAY hi...

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Vendors and lists

From: John <johnk.mchugh@worldnet.att.net>
Date: Wed, 05 Jul 2000 19:15:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-94961-2000.07.05-18.16.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Randy,

Kenwood is not the only one, both Yaesu and Icom personnel are part of
lists that are for their products and they don't just lurk.

73,

John

Randy Allen KAØAZS wrote:
>
> I think it is GREAT that Kenwood is monitoring this list and is providing
> feedback! I wish some of the other manufacturers would follow suit
> (along with the Manual/Service bulletin FTP site, etc.) The others may
> lurk, but these are the only guys I've seen uncloak.

--
John Mc Hugh, KU4GY
Coordinator for Amateur Radio
National Hurricane Center, W4EHW
Miami, Florida
Home Page: http://www.fiu.edu/orgs/w4ehw/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Garmin cig cable

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 6 Jul 2000 00:32:06 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-94972-2000.07.05-19.37.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am thinking about modifying a Garmin cigarette lighter adapter power cable to branch off to a GPS III plus as well. Rather than cut it up to find out, can anyone tell me if the Tx and Rx wires are in that cable lying unused, or does it just have 2 out of the 4 wires, Power and Ground?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: Garmin cig cable

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 6 Jul 2000 03:10:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95018-2000.07.06-03.11.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I am thinking about modifying a Garmin cigarette lighter adapter power cable to branch off to a GPS III
 plus as well. Rather than cut it up to find out, can anyone tell me if the Tx and Rx wires are in that
cable lying unused, or does it just have 2 out of the 4 wires, Power and Ground?
>

won't work. You need the power/data cable they also make.
Or see project purple for a low cost plug
73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Very odd behaviour

From: David VanHorn <dvanhorn@cedar.net>
Date: Thu, 06 Jul 2000 03:22:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95019-2000.07.06-03.28.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a couple of systems here exhibiting very odd behaviour.

ETE-3 is definitely working well. Except that ETE-5 can't connect to it.
ETE-3 also dosen't digi ETE-5's packets.
You'd think ETE-3 was deaf, except that it is digiing other packets just fine.

ETE-3 and ETE-5 both seem to intermittently respond to ETE-9's packets,
yet ETE-5 copies 9 just fine, even when 9's path does not include any digi.

What could be causing these systems to ignore each other?
I don't think it's an RF or audio problem.

(Way too many debugging projects on the fire at the moment.)

--

www.SpamWhack.com A pre-emptive strike against spam
A tornado is a lady whose skirts you do NOT want to look up!
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 Jul 2000 09:16:48 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-95051-2000.07.06-08.22.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 4 Jul 2000, David C. Kovar wrote:

> I want to use my VC-H1 in a mobile setting without burning through AA
> batteries. Unfortunately, it runs on 6v and everything I can find will
> convert 12v to 5v, not 6v. Rather annoying.

Or use a belt-pack of 4 D cells that will last 10 times longer for only
twice the price...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: Mark Phillips <Mark.Phillips@royalblue.com>
Date: Thu, 6 Jul 2000 09:27:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95055-2000.07.06-08.31.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone looked at the circuit diagram?

It strikes me that running off 6v is non standard and that maybe the
designers were clever enough to have put a voltage regulator on the power
input of the VC-1.

-----Original Message-----
From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
Sent: Thursday, July 06, 2000 9:17 AM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] Re: How to step 12v to 6v for VC-H1?

On Tue, 4 Jul 2000, David C. Kovar wrote:

> I want to use my VC-H1 in a mobile setting without burning through AA
> batteries. Unfortunately, it runs on 6v and everything I can find will
> convert 12v to 5v, not 6v. Rather annoying.

Or use a belt-pack of 4 D cells that will last 10 times longer for only
twice the price...

bob

You are currently subscribed to htaprs as: mark.phillips@royalblue.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

****
This email and any files transmitted with it are confidential and

intended solely for the use of the individual or entity to whom they
are addressed. If you have received this email in error please notify
the system manager.

This footnote also confirms that this email message has been swept by
MIMEsweeper for the presence of computer viruses.

www.mimesweeper.com
****

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] UO-22 with TH-D7 (G) and Whip

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Thu, 6 Jul 2000 08:28:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95056-2000.07.06-08.33.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > I thought you might be interested in some observations I have made
working
> > UO-22 APRS with the D7 (G) and whip antennas. The three whips I have
tested
> > are the 36 inch (telescopes to 10 inches) Pryme AL-800 (3.2 dB VHF, 5.6
dB
> > UHF), the 17 inch Comet SMA-24 (2.15 dB VHF, 5.3 dB UHF) and the 9 3/4
inch
> > Comet SMA-3 (1.2 dB VHF, 1.7 dB UHF). I have been able to get into UO-22
> > with all these antennas. I consider "getting into" a full duplex contact
> > with a received "My Position" or "My Message". In all cases I have been
able
> > to make the full duplex contact when the signal strength reaches at
least 3
> > bars on the D7 S-Meter.
> >
> > AL-800: Elevation of 25 degrees up. Compares very favorably with my
Arrow in
> > the number of contacts. The antenna makes the radio "top heavy" so I
grab
> > the radio at the SMA connector. A reinforced SMA to BNC adapter is
> > recomended. This antenna also works well with all of the voice birds.
> >
> > SMA-24: Elevation of 45 degrees up. This antenna is one with the
"springy"
> > whips. You have to be careful when you transmit and receive to hold the
> > antenna still. Flexing it degrades the transmit and receive. This
antenna
> > works well voice mode on SO-35 and UO-14 but is marginal on AO-27.
> >
> > SMA-3: Elevation of 70 degrees up. I was only able to to make a contact
when
> > the bird was overhead. The antenna is marginal on voice on SO-35 and
UO-14
> > and is rare on AO-27.
> >
> > If you think this would be of interest, please feel free to re-post.
> >
> > 73 de Don KC4YRT
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] RE: APRS Aeronautical Mobile

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Thu, 6 Jul 2000 09:23:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95065-2000.07.06-10.29.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Funny you should bring this up.....

I am actually in the process of installing a TH-D7A on my ultralight
aircraft (a powered parachute). The issue at the moment is weight and
space. To have both aircraft band and APRS/Ham, I will need two radios.

This just plain takes up more space than I would like. I already have a GPS
and an intercom system on a ram mount, so I have some of the system
completed. Once I get it all working, I will have to take a few pictures
and post them on my web site.

APRS would provide some GREAT advantages for me in flying. I plan on
mounting a weather station on a portable setup. Then wherever I fly, I can
get the wind direction and speed EXACTLY. Wind direction is extremely
important with PPCs for landing and take off. Of course I will still have a
traditional windsock as well.

I hope to get this all setup in a month or so. I am currently looking at
the two wire wx stations that are only $79. Seems perfect for the task. As
far as I know, this may be the first 'permanent' installation on this type
of aircraft...

Jim Olsen
KC7GGQ
jolsen@novonyx.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: RandMcnally GPS and TH-D7AG

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 06 Jul 2000 10:41:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-95068-2000.07.06-10.54.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Has anyone had any luck mating the RM $60.00 GPS with the D7? When I
> initially mated mine it worked fb the first time but has not been able to
> communicate since. After looking at N6QAB's GPS compatibility site for the
> older D7's I can see that the output data that I read from my RM was not
> compatible with the older D7's (has 4 digits in the $GPGGA string where the
> useable ones have 3). I am not sure if the upgrade to the G model
> eliminated this problem. Can't understand why it worked once and never
> again.

I have been having problems with my new G firmware in the D7. If my GPS is
sync'd (I leave it connected to 12V in the car most of the time), and I
change the D7 GPS usage from "NOT USED" to "NMEA", before I plug in the GPS,
it will never display anything by zeros and blinking dots. If I power cycle
the radio, it will start showing the current GPS data when POS is pressed.

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: RandMcnally GPS and TH-D7AG

From: Ralph Fowler <rwf@bsrg.org>
Date: Thu, 06 Jul 2000 16:30:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95100-2000.07.06-15.36.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This similar to the problems I have been having in not getting the G model
to recognize my GPS III+.
I can't believe no one else complains of this!
Someone sent me a message to start the GPS BEFORE turning on the radio and
it seemed to do the trick- but I believe the radio firmware does have a bug
in this regard.

gregg@c2-tech.com wrote:

>I have been having problems with my new G firmware in the D7. If my GPS is
>sync'd (I leave it connected to 12V in the car most of the time), and I
>change the D7 GPS usage from "NOT USED" to "NMEA", before I plug in the GPS,
>it will never display anything by zeros and blinking dots. If I power cycle

>the radio, it will start showing the current GPS data when POS is pressed.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: RandMcnally GPS and TH-D7AG

From: "stridr" <stridr@optonline.net>
Date: Thu, 6 Jul 2000 17:11:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95105-2000.07.06-16.16.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph,

I don't have the problem you mention. If I've set gps to nmea, it doesn't matter whether I turn on the D7 first, or the GIII+ first.

The problem described in the snip below may have to do with plugging in the gps while the d7 is powered up. Manual warns against plugging anything in without powering down. I had strange problems related to that early on with my d7. Bet that when you "power the gps before turning the radio on", you're already plugged in and thus powering up the d7 after the plug is inserted.

Howard

<snip>
> >I have been having problems with my new G firmware in the D7. If my GPS is
> >sync'd (I leave it connected to 12V in the car most of the time), and I
> >change the D7 GPS usage from "NOT USED" to "NMEA", before I plug in the GPS,
> >it will never display anything by zeros and blinking dots. If I power cycle
> >the radio, it will start showing the current GPS data when POS is pressed.
<endsnip>

Howard

Help eradicate Pediatric Brain Tumors
Support our ride 20 Aug 2000
http://go.to/nerfk

Howard Hecht   W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

----- Original Message -----
From: Ralph Fowler <rwf@bsrg.org>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, July 06, 2000 4:30 PM
Subject: [htaprs] Re: RandMcnally GPS and TH-D7AG

> This similar to the problems I have been having in not getting the G model
> to recognize my GPS III+.
> I can't believe no one else complains of this!
> Someone sent me a message to start the GPS BEFORE turning on the radio and
> it seemed to do the trick- but I believe the radio firmware does have a bug
> in this regard.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] UO-22 with a TH-D7 and Whip Antenna

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Thu, 6 Jul 2000 18:46:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95150-2000.07.06-18.51.48--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

For those who asked for the settings of the TH-D7A (G) here they are.

```
Menu        Local APRS                SO-35                        UO-22
-------------------------------------------------------------------------
1-4-2        D or T Band                Ignore DCD                Ignore DCD
2-1            KC4YRT-2                KC4YRT-3                KC4YRT-3
2-B            RELAY,WIDE            SUNSAT,APRSAT    UOSAT5
2-C            Manual                          Manual
Manual
2-E            APK002                    APK002                      APK002
2-J            On                              Off
Off
2-M           A                                A:RX  B:TX
A:TX  B:RX
2-N            1200                           1200 or 9600               9600
```

You have to be very agressive in manual beaconing when the signal strength
reaches 3 bars on the S-Meter.

You should also follow Bob's Web page at:

http://web.usna.navy.mil/~bruninga/astars.html

73 de Don KC4YRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: RandMcnally GPS and TH-D7AG

From: "Byon Garrabrant" <byon@mail.com>
Date: Thu, 6 Jul 2000 20:23:54 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95166-2000.07.06-22.28.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6 Jul 00, at 10:41, Gregg G. Wonderly wrote:

> > Has anyone had any luck mating the RM $60.00 GPS with the D7?

Where can I find the RM GPS for $60? I've only seen them for $79.

Also, is there a web page with recommendations for inexpensive
trackers parts, ie < $150 5W HTs, <$100 GPS, etc?

My local club wants to put together about 10 trackers for club
functions.

Thanks,
Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] THD7A Output

From: "David Zobel" <dzobel1@rochester.rr.com>
Date: Fri, 7 Jul 2000 08:49:46 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95234-2000.07.07-07.54.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just joined this sig so if I am resurfacing old questions that have been previously discussed, please
 bear with me. Everything I know about APRS has been gleaned from reading WA1LOUs two books on the
subject.

I have noticed that my THD7A does not seem to have much punch for keying voice repeaters or APRS digis.
  I've tried the stock antenna and also have a Comet SMA 503 which may be a tad better. The stock

antenna and radio have been checked by Kenwood with no problems found. However, doing a very rough comparison with a crude signal strengh meter and comparing signal reports with other HTs there is a big difference. With an external antenna coupled through a SMA-BNC things work reasonably fine. Is this normal for this radio?

What are the current recommendations for a GPS?

Any recommendations for a mobile installation with the THD7?

Does anyone have any neat ideas to integrate APRS and ham radio into a high school physics class? I'm starting a second career, after 25 years in engineering.
If I can stimulate some interest, I'm all for it.

Thanks,
Dave WB2UTQ

54. [htaprs] Re: Slow turnaround at Kenwood East Coast

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Fri, 7 Jul 2000 17:28:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95313-2000.07.07-17.35.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave,

I called Kenwood East last week before sending my D7A to see how long to expect the repair loop to take. The very nice lady on the phone put me on hold and checked with the technician. Instead of giving me a rough estimate, she told me on Thursday, 29-JUN-00, that the technician was presently working on radio's received from 13-JUN-00. So, that was about 12 working days at the time. On 06-JUL-00, I received an e-mail that they received the unit, gave me a tracking number, and stated that the UPS computer would notify me by e-mail when it ships.

With all of that information, I will look for my unit to arrive sometime after 27-JUL-00 giving it about 3 days to ship.

They were obviously doing quite a few upgrades when I called a few weeks ago.

Having worked in the service industry, it was always difficult to predict how long the cycle would take in repairing or upgrading equipment, because you never knew how fast you would get flooded with work at any given time. They got flooded with D7A's to be upgraded.

I am extremely satisfied how up-front and informative they were with me when I called Kenwood East prior to sending my unit. I did not expect the e-mail telling me they received it nor that UPS would notify me by e-mail when it ships. I was impressed!

Now I will patiently wait and finish my D700 GPS project with the unit I got from CommSurplus that is working great. More on that later...

73's

Tim - N8DEU
Huntsville, Alabama

-----Original Message-----
From: Dave Kaplan <dkaplan@steffeninc.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Wednesday, July 05, 2000 4:31 PM
Subject: [htaprs] Slow turnaround at Kenwood East Coast

>I have to admit that I am a bit disappointed with Kenwood on how they
>handled the upgrade to D7G. When I was at Dayton I was told by a Kenwood
>person in their booth that I should subscribe to the Kenwood e-mail system
>at their web page. I was told to do that to be able to get the information
>of the upgrade. The Kenwood sales guy told me not to send the unit in until
>the upgrade was announced via e-mail, not to believe what I was seeing on
>the APRS SIG about the upgrade since Kenwood would release the only
>official upgrade information.

>
>Thank goodness I do subscribe to the APRSSIG! Kenwood has never sent any
>information (at least that I received and I did confirm that I am on the
>e-mail list). When I read on the SIG how people were sending their units
>in for upgrade I chuckled to myself that it would take weeks to get their
>unit back since the official release was never sent out. Imagine my
>surprise when people on the SIG starting talking about receiving their
>units back after only 1-2 day turn time! Well, I figured I should send
>mine in and get some of this great service, even though there still was no
>notification via e-mail that the upgrade was officially release.
>
>Just so show you no good deal goes unpunished, Kenwood East Coast received
>my D7A for upgrade on June 21st. When I called today they had not started
>working on it yet but thought they might get to it today. Wonder what
>happened to that 2-3 day turnaround.
>
>Dave
>
>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: No-display GPS

From: Darrell Hale <halehome@home.com>
Date: Sat, 08 Jul 2000 00:01:21 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95344-2000.07.07-23.04.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> ...the GPS 35 as well.
>
>The docs refer to two serial ports on this device, but the wiring diagrams
>seem to indicate that it's only useful for hooking up a differential unit to
>the GPS 35. I don't suppose it can do NMEA on both....?

Don't think it will do NMEA on both, but why not just use a splitter cable
to send the serial output to two devices? A "dumb" unit like a D7 or D700
does not need to talk to the GPS. Unless you are trying to display other
stations on the GPS (which a non-display GPS can't do anyhow) what is the
point in trying to send anything to the GPS engine?

In a setup where the computer/palmpilot/terminal device may talk to the GPS
still should not prevent you from picking up just the GPS output and sending
it to a second device.

>In my opinion, I feel that the evaluation kit is well worth it.
>
>You get all 4 mounting hardware units (complete with all hardware) which
>more than pays for the cost of the kit. In addition, you get the software
>that is necessary to program it. Any change(s) you may want to
>(eventually)make, such as selecting 9600 baud versus 4800, will require
>this software. And, since I wasn't sure which hardware mount I wanted to
>use, this alone paid for the kit, and now I have the programming kit.

Did not know that the "various mounting brackets" were a complete set of
mounting kits. When I was talking to Garmin about accessories (like mounting
kits, software packages, etc) they did not indicate, for whatever reason,
that all of the mounting kits were included with the software package. Good
to know though.

While the software may still be very useful, the unit as shipped from the
factory has worked as-is out of the box with both my laptop and KPC3+ based
tracker, so having this program is not necessarily critical (or required) to
using the unit.

Per http://www.qsl.net/n6qab/n6qabgps.htm it seems the GPS 35 may have
problems with the Kenwood units. I'll have to run some more tests, as I
usually use a Garmin GPSIII with my D7.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] New User

From: "Robert Duncan" <rwduncan@dove.net.au>
Date: Sat, 8 Jul 2000 21:41:41 +0930
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95389-2000.07.08-07.46.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day All
I have just gotten into this APRS thing. I have a KPC-3 with version 8 firmware and a Garmin GPS-35, I run a Toshiba 486 SX 25 laptop.

1st - I believe there is a file that will allow me to run WinAPRS even though I have windows 3.11 - can someone let me know the name of the file...???

2nd - As a beginner can someone give me a list of settings to start with for either Ui View or APRS, I have not decide which one to run with yet.

Cheers from Rob
VK5ZIK

57. [htaprs] Re: UO-22 with a TH-D7 and Whip Antenna

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Sat, 8 Jul 2000 13:45:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95423-2000.07.08-13.57.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Frequencies

SO-35 (A:RX B:TX)

"A" Channel "B" Channel

145.830 436.280

145.825 436.285

145.825 CT 436.290

145.825 436.295

145.820 436.300

UO-22 (A:TX B:RX)

"A" Channel "B" Channel

145.895 435.130

145.900 435.125

145.900 CT 435.120

145.900 435.115

145.905 435.110

Starting point of the frequencies may be different depending on doppler.

Turn your receive squelch OFF.

9600 baud sounds like white noise (static) so watch your S-Meter.

73 de Don KC4YRT

----- Original Message -----

From: Brian B. Riley
To: Don DeJarnette
Sent: Saturday, July 08, 2000 9:26 AM
Subject: RE: [htaprs] UO-22 with a TH-D7 and Whip Antenna

Great. But what freqs to set for each band to start with?
Subject: [htaprs] UO-22 with a TH-D7 and Whip Antenna

For those who asked for the settings of the TH-D7A (G) here they are.

Menu	Local APRS	SO-35	UO-22
1-4-2	D or T Band	Ignore DCD	Ignore DCD
2-1	KC4YRT-2	KC4YRT-3	KC4YRT-3
2-B	RELAY,WIDE	SUNSAT,APRSAT	UOSAT5
2-C	Manual	Manual	Manual
2-E	APK002	APK002	APK002
2-J	On	Off	Off
2-M	A	A:RX B:TX	A:TX B:RX
2-N	1200	1200 or 9600	9600

You have to be very agressive in manual beaconing when the signal strength
reaches 3 bars on the S-Meter.

58. [htaprs] th d7 status upgrade

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 8 Jul 2000 14:35:41 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95441-2000.07.08-16.37.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

sent my buddy back for a upgrade ups june 22,.

not sure of what the status is. is kenwood letting hams know that they
have received it and turnaround via e mail to anyone?

i don't want to bug them about it, but gave them my e mail phone etc.
sorta hoped to hear about it.

still off aprs.

hope to be able to unbox the new tmd700a this weekend and fire it up

steve scott
las vegas
find me on a map! go to http://maps.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] KDT-9600 Interface To Icom CS-2800

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 9 Jul 2000 4:23:37
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95510-2000.07.09-04.28.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have heard that the MDI (bought out by Motorola some time ago) KDT-9600
public safety terminal interfaces very easily and extremely well to the
Icom 2800 radio. Supposedly this combo is true Plug-and-Play ease of
interface and use; it is supposed to plug right into the TNC DIN connector
on the front panel chassis of the rADIO . But, does any one have the
pertinent interface SPECSXXXX so I can lash this up in my vehicle?

Thanks!

Larry

\

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] las vegas aprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 9 Jul 2000 07:08:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95530-2000.07.09-09.10.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

fire up my new tm d 700 a up last night.....got it working enought to get
me on vegas digi.

i think the vegas i gate is down, i do not see it on my vegas local map.

i am not up on find u

73

steve scott

sinclair broadcasting   tv 21/33 las vegas
find me on a map!   go to   http://maps.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: "Eric A. Cottrell" <eac@shore.net>
Date: Sun, 09 Jul 2000 18:40:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-95579-2000.07.09-18.44.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>
> On Tue, 4 Jul 2000, David C. Kovar wrote:
>
> > I want to use my VC-H1 in a mobile setting without burning through AA
> > batteries. Unfortunately, it runs on 6v and everything I can find will
> > convert 12v to 5v, not 6v. Rather annoying.
>
> Or use a belt-pack of 4 D cells that will last 10 times longer for only
> twice the price...
>
> bob

Hello,

A ham friend discovered that Target stores is selling a neat battery power unit
in their camping section. It is meant to run their battery operated camping
stuff. It has 2 cigarette lighter plugs for 12 volts (up to 15 A) and plugs
for 3, 6, or 9 volts as well! (up to 1 A). It contains a sealed lead-acid
battery, has a light built-in, and can be charged from a supplied AC adapter or
from the car. I bought one.

I had a chance to use it with the D7. The D7 was still sending posits
in the morning after running overnight.

It maybe alittle on the heavy side to carry (it does have a shoulder strap and
a carrying handle) but it should give extra life to the VC-H1. I should try
it with my Ricoh digital camera as it is known as a battery hog (due to the lcd
display).

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 9 Jul 2000 20:00:05 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-95580-2000.07.09-19.04.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, but D cell alkalines have something like 5 times the energy density
of led-acid or NIcads. If I had to cary it, then 4 D-cells will give you
14 amp HOurs of life at 6 volts. That is probably 10% or less of the
weight and cost of the mosster you refer to below.

For one-time "missions", "events" or one-time-must-work" type applications
you just cannot beat Alkalines for power-to-weight-vs-cost...
Especially at the D cell level...

de WB4APR< Bob

On Sun, 9 Jul 2000, Eric A. Cottrell wrote:

> Bob Bruninga wrote:
> >
> > On Tue, 4 Jul 2000, David C. Kovar wrote:
> >
> > > I want to use my VC-H1 in a mobile setting without burning through AA
> > > batteries. Unfortunately, it runs on 6v and everything I can find will
> > > convert 12v to 5v, not 6v. Rather annoying.
> >
> > Or use a belt-pack of 4 D cells that will last 10 times longer for only
> > twice the price...
> >
> > bob
>
> Hello,
>
> A ham friend discovered that Target stores is selling a neat battery power unit
> in their camping section. It is meant to run their battery operated camping
> stuff. It has 2 cigarette lighter plugs for 12 volts (up to 15 A) and plugs
> for 3, 6, or 9 volts as well! (up to 1 A). It contains a sealed lead-acid
> battery, has a light built-in, and can be charged from a supplied AC adapter or
> from the car. I bought one.
>
> I had a chance to use it with the D7. The D7 was still sending posits
> in the morning after running overnight.
>
> It maybe alittle on the heavy side to carry (it does have a shoulder strap and
> a carrying handle) but it should give extra life to the VC-H1. I should try
> it with my Ricoh digital camera as it is known as a battery hog (due to the lcd
> display).
>
> 73 Eric eac@shore.net WB1HBU
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: BordingK@aol.com
Date: Sun, 9 Jul 2000 20:11:27 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95581-2000.07.09-19.16.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/9/00 8:02:00 PM Eastern Daylight Time,
bruninga@nadn.navy.mil writes:

<< How to step 12v to 6v for VC-H1? >>

I have a similar problem: What's the easiest way to convert 24 VDC to 12
VDC. I need about 8 amps.

Ken

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] D7 Encoder Knob broke, AGAIN!!!!

From: "Eric A. Cottrell" <eac@shore.net>
Date: Sun, 09 Jul 2000 19:27:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95588-2000.07.09-19.32.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

In May my D7A was dropped, resulting in a broken encoder knob, cracked sma
connector, and a chip capacitor running around loose in the inside. So I sent
it in for repair as well as upgrading. I got it back recently repaired and
upgraded.

I took it up on a trip to St. Stephens, NB and did some APRS. It worked well
as the Calais/St. Stephens area has an APRS pioneer that has put several
wides on 144.39 and runs 4 or 5 stations total!

While setting up the HT in my Augusta, Me motel room during the return
trip the HT got dropped again and the encoder knob broke. This time the
sma connector is okay. I have not checked the inside yet but the radio
still seems to work.

I still think the frequency encoder knob is too tall for the radio!
The part of the shaft that the knob slips on may look big enough but
that shaft reduces to half the diameter where it enters the encoder!
In both cases the shaft broke in the same spot, on the small diameter
portion of the shaft at the point where the shaft doubles in diameter.

I know that radios are not built like tanks but I find it amazing that
these drops did not harm the case at all but seem to easily break a
metal part. Not to bend it, but to actually shear it off. I am no
mechnical engineer but even I expect that when you stick a tall knob off
a unit with no protection that it is likely to have some force applied to it.
I am beginning to suspect that the encoder shaft was not designed for the
application that Kenwood put it to and Kenwood put a plug on the thing so
they would not have to change out the entire radio when it broke. They
knew that these things would break and I wonder if the repair backlog is not
just due to upgrades but also repairs of broken encoders!

I guess it is time to get out the tools and modify the radio so it will
not break the encoder. Because I figure in a few years the replacement parts
and labor will total the cost of a new radio.

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: No-display GPS

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 10 Jul 2000 10:05:24 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95694-2000.07.10-11.11.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Darrell Hale <halehome@home.com> wrote:

>> ...the GPS 35 as well.
>>
>>The docs refer to two serial ports on this device, but the wiring diagrams
>>seem to indicate that it's only useful for hooking up a differential unit
to
>>the GPS 35. I don't suppose it can do NMEA on both....?
>
>Don't think it will do NMEA on both, but why not just use a splitter cable
>to send the serial output to two devices?

The 35 does not do NMEA on both ports. Port 1 does NMEA in/ NMEA out plus

it's the port that you use for configuration changes. Port 2 does RTCM input
and binary (phase data, almanac etc.) output. There's nothing directly useful
for APRS in the port 2 output. I've built such a splitter cable, but with my
present needs port 2 is more of a curiosity than anything else.

> A "dumb" unit like a D7 or D700
>does not need to talk to the GPS. Unless you are trying to display other
>stations on the GPS (which a non-display GPS can't do anyhow) what is the
>point in trying to send anything to the GPS engine?

Configuration.

>>In my opinion, I feel that the evaluation kit is well worth it.
>>
>>You get all 4 mounting hardware units (complete with all hardware) which
>>more than pays for the cost of the kit.
>Did not know that the "various mounting brackets" were a complete set of
>mounting kits. When I was talking to Garmin about accessories (like mounting
>kits, software packages, etc) they did not indicate, for whatever reason,
>that all of the mounting kits were included with the software package. Good
>to know though.

The manual available on-line describes all the mounting HW that is included
in the Eval kit.

>>In addition, you get the software
>>that is necessary to program it. Any change(s) you may want to
>>(eventually)make, such as selecting 9600 baud versus 4800, will require
>>this software. And, since I wasn't sure which hardware mount I wanted to
>>use, this alone paid for the kit, and now I have the programming kit.
>While the software may still be very useful, the unit as shipped from the
>factory has worked as-is out of the box with both my laptop and KPC3+ based
>tracker, so having this program is not necessarily critical (or required) to
>using the unit.

You don't need any special SW to configure the 35. The downloadable manual
gives the command syntax, all you need is any terminal program.

>>Per http://www.qsl.net/n6qab/n6qabgps.htm it seems the GPS 35 may have
>>problems with the Kenwood units.

Too bad the problem wasn't specified, nor which particular TrackPak 35 model
was tried. They come in different voltage ratings for power input and serial
port parameters (RS232 vs. TTL for example). It's hard to imagine why it
wouldn't be possible to make use of the proper model of the 35 with a D7A
unless Kenwood goofed by not allowing for the known range of NMEA sentence
formatting differences.

73,
Tony KD7TA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Sunsat digipeats APRS in Mode J

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 10 Jul 2000 17:22:25 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95726-2000.07.10-16.27.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

See ya on the bird!

---------- Forwarded message ----------
Date: Mon, 10 Jul 2000 22:16:13 +0200
From: Johann Lochner

Sunsat will be in Mode J for the next couple of weeks (including the
voice passes). Earlier this evening it was configured to digipeat
both 1k2 AFSK (uplink 145.900 MHz) and 9k6 G3RUH (uplink 145.825 MHz)
packets at 9k6 (downlink 436.250 MHz). No other APRS services are
currently activated. Note that the ham services cannot be guaranteed
as some non-ham payloads take priority (especially during the week).

Kind regards,
Johann, ZR1CBC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: D7 Encoder Knob broke, AGAIN!!!!

From: Jon Ogden <jono@enteract.com>
Date: Mon, 10 Jul 2000 23:14:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95766-2000.07.10-23.15.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 7/9/00 7:27 PM, Eric A. Cottrell at eac@shore.net wrote:

> I know that radios are not built like tanks but I find it amazing that
> these drops did not harm the case at all but seem to easily break a
> metal part. Not to bend it, but to actually shear it off. I am no
> mechnical engineer but even I expect that when you stick a tall knob off
> a unit with no protection that it is likely to have some force applied to it.
> I am beginning to suspect that the encoder shaft was not designed for the
> application that Kenwood put it to and Kenwood put a plug on the thing so
> they would not have to change out the entire radio when it broke. They
> knew that these things would break and I wonder if the repair backlog is not
> just due to upgrades but also repairs of broken encoders!

Eric,

How do you manage to drop your HT? I don't know if I have ever dropped one with all the ones I've owned (*knock on wood* I don't want to jinx myself! hi!). I treat my TH-D7A in particular like I would handle the most delicate piece of fine china.

You say that the encoder shaft was not designed for the application that Kenwood put it to. Perhaps they could have used a stronger encoder. But then the cost may have been more, size may have been too big, etc. And I don't think Kenwood's design criteria was that the HT would be regularly dropped! The encoder works just fine and has no problem when you use it in the intended application: operate the radio without dropping it. Any radio no matter how long or short the encoder, can be damaged from a drop if the knob, antenna, switch, etc. is hit correctly. So I wouldn't blame Kenwood for my own clumsiness.

Now some may think I am flaming you here. I'm not really. I feel bad for you as I would feel bad for it happening to anyone. It's got to be a bummer for it happening twice. But I don't think Kenwood should be blamed for not making a "Motorola" style radio. Motorola does build them like tanks, but they cost two to three times as much and don't have all the features the TH-D7A has. By the way, the number one failure on a Motorola radio from what I understand is the antenna connection or antenna. Why? Apparently, a lot of police officers grab the radio by the antenna and use it as a billy club when they need to subdue someone!

Anyhow, back to my point: I wouldn't modify the radio and hack it up. You'll ruin any chance of it being sellable at a decent price, you'll make it so Kenwood won't fix it should something go wrong in the future and how knows what else may be wrong from the drop. Just cause it seems OK now, doesn't mean that it is OK. Rather see if Kenwood's parts division can ship you the encoder knob and try to repair it yourself. If you don't want to do that then send the radio back to Kenwood for a proper repair.

And when you get it back, treat it like glass. I know that "ideally" your should not have to do that to an HT, but we live in a world of compromises.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: THD7A Output

From: Jon Ogden <jono@enteract.com>
Date: Mon, 10 Jul 2000 23:27:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95770-2000.07.10-23.28.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 7/7/00 7:49 AM, David Zobel at dzobel1@rochester.rr.com wrote:

> I have noticed that my THD7A does not seem to have much punch for keying voice
> repeaters or APRS digis. I've tried the stock antenna and also have a Comet
> SMA 503 which may be a tad better. The stock antenna and radio have been
> checked by Kenwood with no problems found. However, doing a very rough
> comparison with a crude signal strengh meter and comparing signal reports with
> other HTs there is a big difference. With an external antenna coupled through
> a SMA-BNC things work reasonably fine. Is this normal for this radio?
>

Hi Dave,

Well, let's start with a couple of things:

1.) Power out of the TH-D7A depends on how high your battery voltage is.
12V is max power.
2.) Power out of the TH-D7A may be less than other HTs you may own.
3.) Do you "hear" other repeaters OK on 2m? If not, you may have the VHF
AIP on which should normally be off. It's basically a front end attenuator
areas with high RF concentration.
4.) An external antenna will ALWAYS work better than a rubber duck.
5.) The HT has 3 power levels: EL,L and H. Make sure it's on H.

So given these factors, your HT probably works fine. It's probably just
differences between HTs, antennas, etc. A single band duck will probably
work better than a dual band duck, and so on.

> What are the current recommendations for a GPS?

How much money do you want to spend and what features do you want? Maps?
Color maps? Large display?? Basic GPS only?? The best and most reasonably
priced are probably Garmin's GPS-12XL for no maps or the GPS-III for maps.

>
> Any recommendations for a mobile installation with the THD7?

Sure. I had mine in the car for a long time. I used it on APRS and on 2
meters as I had a 440 mobile. I ran the HT into a Rat Shack 2m amp and then
to my duplexer and then the antenna. It worked great. The radio sat in a
"grip-matic" mount. I would DEFINITELY buy the TH-D7A mobile mount by RAM.
It is REALLY, REALLY, REALLY nice. HRO sells them.

>
> Does anyone have any neat ideas to integrate APRS and ham radio into a high
> school physics class? I'm starting a second career, after 25 years in
> engineering.
> If I can stimulate some interest, I'm all for it.

Well, let's see what sort of physics stuff:

* Wave propagation
* Basic radio theory
* Physics of flight with ham radio on ballons.
* Distance = Rate * Time -> Gee, you could use the GPS date for getting the
speed and direction.
* Vector studies: You have a speed and you also know the direction an
object is heading so you have a velocity vector. You could do all sorts of
stuff with that.
* Weather related physics with weather spotting.
* Space communication and orbital dynamics with the pacsats digipeating
APRS.

I could go on, but I am tired and gotta go to bed. Suffice to say, I think

you have a LOT of potential with physics students!

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: Jon Ogden <jono@enteract.com>
Date: Mon, 10 Jul 2000 23:33:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95771-2000.07.10-23.34.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 7/4/00 6:53 PM, David C. Kovar at kovar@webnexus.com wrote:

> I want to use my VC-H1 in a mobile setting without burning through AA
> batteries. Unfortunately, it runs on 6v and everything I can find will
> convert 12v to 5v, not 6v. Rather annoying.

You could try some Lithium AA batteries. They cost more, but weigh less and
last a lot longer.

>
> Can anyone point me to a good source for a 12v to 6v converter to use with
> the VC-H1? Failing that, a good circuit to build to do this? I'd prefer
> something pre-built, due to my less than wonderful construction skills.

Well, Kenwood does have an adapter as Clifford pointed out.

Or you could use a linear regulator like an LM-317 and quite easily build
your own regulator to six volts. All parts are available at Rat Shack.

Lastly, 5 volts would probably work OK. Your batteries will hit five volts
sometime before the unit dies.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Tue, 11 Jul 2000 00:13:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95797-2000.07.11-00.18.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I purchased, at the local Batteries Plus Store, a small switching DC to DC converter under the product name of "Power Line." Model Number is UCC-2000. I bought it about 2 years ago, and don't know if they still carry it. I think it was less than $20.

It's rated at 2 amps maximum at any voltage (unlike the RS High Current DC to DC adaptor) and takes 12-15 volts DC in and outputs 3/4.5./6/7.5/9/12 Volts DC regulated. Sounds like just the ticket for the VC-H1.

I chopped the lighter plug off mine and installed an obligatory Anderson Powerpole. The other end terminates in the little two pin connectors identical to the ones sold at Radio Shack. Mine came with a good selection of right angle adaptors. The unit is about the size of a computer mouse and has built-in storage for 5 or 6 different DC plugs. The design appears to be pretty robust, as mine has not failed after two years of use. Another nice feature is the voltage selector switch is recessed, so it's fairly difficult to accidently switch voltages, but sometimes it's hard to tell what detent the switch is on. I always check mine with a multimeter to make sure I've selected the right voltage and polarity when changing devices.

I most often use it to power my AR-2700 scanner and Mini-Scout frequency counter in reaction-tune mode, as the scanner really seems to eat batteries when the serial port is active. I bought a Radio Shack "Adaptaplug" Y-splitter (273-1640) so I can power both from the UCC-2000. Works Great.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Re: No-display GPS

From: Darrell Hale <halehome@home.com>
Date: Tue, 11 Jul 2000 01:29:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95798-2000.07.11-00.32.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> A "dumb" unit like a D7 or D700
>>does not need to talk to the GPS. Unless you are trying to display other
>>stations on the GPS (which a non-display GPS can't do anyhow) what is the
>>point in trying to send anything to the GPS engine?
>
>Configuration.

For a configuration change you will need a different connector from the stereo plug, unless you want to use a stereo jack to DB9/25 conversion cable.

My main point was that you probably don't want to have two actively talking devices trying to control the GPS at the same time. A full duplex (both the serial TX and RX lines) could be run into a computer, palm device, etc. while only the GPS's TX line is split off to the extra D7/D700 devices. Unless the D7/D700 has a way to send such configuration info, then I say again, what is the point to connecting the GPS RX line of a no display device to the radio?

>>>Per http://www.qsl.net/n6qab/n6qabgps.htm it seems the GPS 35 may have
>>>problems with the Kenwood units.
>
>Too bad the problem wasn't specified, nor which particular TrackPak 35 model
>was tried. They come in different voltage ratings for power input and serial
>port parameters (RS232 vs. TTL for example). It's hard to imagine why it
>wouldn't be possible to make use of the proper model of the 35 with a D7A
>unless Kenwood goofed by not allowing for the known range of NMEA sentence
>formatting differences.

I believe your last comment is exactly the problem, per the following quote from the web page:

"A summary comparison of each of the GPS receiver's $GPGGA sentence is provided below. See a pattern? Notice the number of decimal places in each of the position reports. The highlighted underlined numbers. The units that work with the TH D7A display three decimal places. Others, which don't work,

display more than three, or less than three decimal places."

Furthermore, Ralph Fowler emailed me the following:

"I used a GPS35 with my D700 all during my CA trip for 2 weeks.
Worked fine.

Even works on the D7(G) as long as you get past that new bug in the D7
where the GPS has to be on before the D7 is turned on."

Although I have not actually tried using my GPS 35 on my D7(G) yet, I
suspect it will work just fine. What is still unclear to me is if the "G"
version is what may have fixed the extra digits problem, although it seems
to have introduced a new powerup problem.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] D7A(G) Message Reception

From: "Mike Edwards" <medwards@atlantic.net>
Date: Tue, 11 Jul 2000 11:09:48 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95839-2000.07.11-10.14.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Would someone point out how to program the D7A(G) to receive all messages on
a channel? Is this even possible? I have no problems receiving messages to
my own call and bulletins, but I want to view all messages received. I tried
adding AP to the MSG GROUP menu (APRS 2-L) and even A,K,W,N (call letters?,
intereestingly enough it wouldn't let me OK out of the menu with that
entered)

Right now the MSG GROUP is ALL,QST,CQ,KWD

Mike
KE4YGT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] Re: D7A(G) Message Reception

From: "Walter Dunckel" <walter@radiohound.com>
Date: Tue, 11 Jul 2000 08:18:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95843-2000.07.11-10.21.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For the G model you can just add a ",*" to receive all messages.

Walter
----- Original Message -----
From: "Mike Edwards" <medwards@atlantic.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, July 11, 2000 8:09 AM
Subject: [htaprs] D7A(G) Message Reception

> Would someone point out how to program the D7A(G) to receive all messages
on
> a channel? Is this even possible? I have no problems receiving messages to
> my own call and bulletins, but I want to view all messages received. I
tried
> adding AP to the MSG GROUP menu (APRS 2-L) and even A,K,W,N (call
letters?,
> intereestingly enough it wouldn't let me OK out of the menu with that
> entered)
>
> Right now the MSG GROUP is ALL,QST,CQ,KWD
>

> Mike
> KE4YGT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] 9600 Baud upgrade question

From: Jon Haskell <kb9cml@att.net>
Date: Tue, 11 Jul 2000 08:17:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95845-2000.07.11-10.28.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have a source of information on getting my THD-7A upgraded
for 9600 baud? I have checked the Kenwood Website with no success.
Many thanks,
Jon Haskell, W8JON

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Re: 9600 Baud upgrade question

From: "Walter Dunckel" <walter@radiohound.com>
Date: Tue, 11 Jul 2000 08:49:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95853-2000.07.11-10.53.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, you can go to:
http://www.radiohound.com/2000upgrade.htm

to find out more information.

Walter

----- Original Message -----
From: "Jon Haskell" <kb9cml@att.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, July 11, 2000 6:17 AM
Subject: [htaprs] 9600 Baud upgrade question

> Does anyone have a source of information on getting my THD-7A upgraded
> for 9600 baud? I have checked the Kenwood Website with no success.
> Many thanks,
> Jon Haskell, W8JON

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Re: D7A(G) Message Reception

From: Mark Sailer <msailer@users.buoy.com>
Date: Tue, 11 Jul 2000 12:11:10 -500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95860-2000.07.11-11.15.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Would someone point out how to program the D7A(G) to receive all

messages on

> a channel? Is this even possible? I have no problems receiving

messages to

> my own call and bulletins, but I want to view all messages received.

I tried

> adding AP to the MSG GROUP menu (APRS 2-L) and even A,K,W,N (call

letters?,

> intereestingly enough it wouldn't let me OK out of the menu with

that

> entered)

>

> Right now the MSG GROUP is ALL,QST,CQ,KWD

>

> Mike

> KE4YGT

>

What I'm using right now is a * in my MSG GROUP.

Seems to work.

====

Mark Sailer, N2JTW msailer@buoy.com

Lake Grove L.I., NY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: 9600 Baud upgrade question

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 11 Jul 2000 10:13:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95861-2000.07.11-11.16.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I noticed that the cost is $60 plus shipping. Do you send a credit card
number, a check, or what? How do you pay for the upgrade?

Thanks,

Tom NY4I
----- Original Message -----
From: "Walter Dunckel" <walter@radiohound.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, July 11, 2000 9:49 AM
Subject: [htaprs] Re: 9600 Baud upgrade question

> Yes, you can go to:
> http://www.radiohound.com/2000upgrade.htm
>
> to find out more information.
>
> Walter
>
> ----- Original Message -----
> From: "Jon Haskell" <kb9cml@att.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Tuesday, July 11, 2000 6:17 AM
> Subject: [htaprs] 9600 Baud upgrade question
>
>
> > Does anyone have a source of information on getting my THD-7A upgraded
> > for 9600 baud? I have checked the Kenwood Website with no success.
> > Many thanks,
> > Jon Haskell, W8JON
>
>
>

> ---
> You are currently subscribed to htaprs as: toms@inconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] Re: How to step 12v to 6v for VC-H1?

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Tue, 11 Jul 2000 12:02:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95862-2000.07.11-11.21.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a one piece regulator that does 6v out. Try Mouser(Catalog 601 p
39 511-L7806ACV TO-220 +V Regulator 1A 6V)or Digi-Key . I think 1A should
be enough. Call or e-mail if need help.

Lee N4TCW   305-992-5978

on 7/4/00 6:53 PM, David C. Kovar at kovar@webnexus.com wrote:

> I want to use my VC-H1 in a mobile setting without burning through AA
> batteries. Unfortunately, it runs on 6v and everything I can find will
> convert 12v to 5v, not 6v. Rather annoying.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] Re: No-display GPS

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Tue, 11 Jul 2000 12:02:28 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95863-2000.07.11-11.21.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use a gps-35hvs (high voltage, serial out) on my D7A and it worked fine
out of the box.

Lee N4TCW

Too bad the problem wasn't specified, nor which particular TrackPak 35 model
was tried. They come in different voltage ratings for power input and serial
port parameters (RS232 vs. TTL for example). It's hard to imagine why it
wouldn't be possible to make use of the proper model of the 35 with a D7A
unless Kenwood goofed by not allowing for the known range of NMEA sentence
formatting differences.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] Re: No-display GPS

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 11 Jul 2000 16:40:09 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95870-2000.07.11-11.45.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>pattern? Notice the number of decimal places in each of the position reports. The highlighted
underlined numbers. The units that work with the TH D7A display three decimal places. Others, which
don't work, display more than three, or less than three decimal places."

The list of upgraded features advertised by Kenwood contains a setting for GPS Unit Selection, where you
 can set the number of digits behind the decimal point that the D7G should expect from the GPS.

>>"I used a GPS35 with my D700 all during my CA trip for 2 weeks. Worked fine.
>>Even works on the D7(G) as long as you get past that new bug in the D7 where the GPS has to be on

before the D7 is turned on.
>>"Although I have not actually tried using my GPS 35 on my D7(G) yet, I suspect it will work just fine.
 What is still unclear to me is if the "G" version is what may have fixed the extra digits problem,
although it seems to have introduced a new powerup problem.

The D7G might have a hidden feature here. If the GPS Unit Selection is set for the wrong number of
digits behind the decimal point, the device shows all zeros for position, but if you power it up to an
already warmed up and sending GPS you get data? Maybe the D7G samples the GPS port on startup and
autoadjusts to the form of data it finds there, whereas if you start a GPS input with the radio warmed
up it looks only for data in the form you preselected?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Re: 9600 Baud upgrade question

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Tue, 11 Jul 2000 11:55:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95873-2000.07.11-12.00.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is best to send your credit card number and your E-Mail address so they
can E-Mail you when they complete it.

73 de Don KC4YRT

----- Original Message -----
From: Thomas M. Schaefer <toms@inconnect.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Tuesday, July 11, 2000 11:13 AM
Subject: [htaprs] Re: 9600 Baud upgrade question

> I noticed that the cost is $60 plus shipping. Do you send a credit card
> number, a check, or what? How do you pay for the upgrade?
>
> Thanks,
>
> Tom NY4I
> ----- Original Message -----
> From: "Walter Dunckel" <walter@radiohound.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Tuesday, July 11, 2000 9:49 AM
> Subject: [htaprs] Re: 9600 Baud upgrade question
>
>
> > Yes, you can go to:
> > http://www.radiohound.com/2000upgrade.htm
> >
> > to find out more information.
> >
> > Walter
> >
> > ----- Original Message -----
> > From: "Jon Haskell" <kb9cml@att.net>
> > To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> > Sent: Tuesday, July 11, 2000 6:17 AM
> > Subject: [htaprs] 9600 Baud upgrade question
> >
> >
> > > Does anyone have a source of information on getting my THD-7A upgraded
> > > for 9600 baud? I have checked the Kenwood Website with no success.
> > > Many thanks,
> > > Jon Haskell, W8JON
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: toms@inconnect.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: ddej@simplecom.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Kenwood TM-D700 mobile aprs via sunsat help sought.

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Tue, 11 Jul 2000 14:23:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95885-2000.07.11-13.29.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hams:

This is my first attempt at Digital Sat operation.
Im am attempting aprs via sunsat using DM-D700 mobile.
Im set for 9600 up/dn & current sunsat uplink/dn 9600 freqs.
Do I need to set anything special in the path or uidigi?

Im set for same as land based aprs, other than freqs & Baud rate.
Relay, wide, wide.

Will this work through the sat?

73

Ed N3SDO

N3SDO@forcomm.net (Home)
Ed.Bathgate@marconi.com (work)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] Re: D7 Encoder Knob broke, AGAIN!!!!

From: "Eric A. Cottrell" <eac@shore.net>
Date: Tue, 11 Jul 2000 13:27:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-95886-2000.07.11-13.31.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden wrote:
> Eric,
>
> How do you manage to drop your HT? I don't know if I have ever dropped one
> with all the ones I've owned (*knock on wood* I don't want to jinx myself!
> hi!). I treat my TH-D7A in particular like I would handle the most delicate
> piece of fine china.

Well I guess you are one of the lucky few then. I do not expect the radio
to be built like a tank and be able to withstand a drop onto a concrete
floor but it seems to me that the encoder shaft is too delicate compared to
the rest of the radio. I got feedback before from more than one person that
they also broke or bent the encoder shaft on the TH-D7A.

> You say that the encoder shaft was not designed for the application that
> Kenwood put it to. Perhaps they could have used a stronger encoder. But
> then the cost may have been more, size may have been too big, etc. And I
> don't think Kenwood's design criteria was that the HT would be regularly
> dropped! The encoder works just fine and has no problem when you use it in
> the intended application: operate the radio without dropping it. Any radio
> no matter how long or short the encoder, can be damaged from a drop if the
> knob, antenna, switch, etc. is hit correctly. So I wouldn't blame Kenwood
> for my own clumsiness.

I find it interesting that two out of two times it seemed to find the right
spot. Maybe the radio tends to be top heavy thus landing on the knobs.

>
> Now some may think I am flaming you here. I'm not really. I feel bad for
> you as I would feel bad for it happening to anyone. It's got to be a bummer
> for it happening twice. But I don't think Kenwood should be blamed for not
> making a "Motorola" style radio. Motorola does build them like tanks, but
> they cost two to three times as much and don't have all the features the

> TH-D7A has. By the way, the number one failure on a Motorola radio from
> what I understand is the antenna connection or antenna. Why? Apparently, a
> lot of police officers grab the radio by the antenna and use it as a billy
> club when they need to subdue someone!

Well I am not comparing the D7A with Motorola. I have a W2AT HT that has knobs
on top of the radio. It has been dropped a few times. The knobs and the radio
still work. I suppose the W2AT is now one of those old radios that would cost
$1200 if ICOM was still selling them.

If ICOM came out with a APRS radio then I would consider selling the TH-D7A
and buying the ICOM. APRS built-in is the only thing that keeps me from
selling the TH-D7A but it is getting close to the sell off point.

> Anyhow, back to my point: I wouldn't modify the radio and hack it up.
> You'll ruin any chance of it being sellable at a decent price, you'll make
> it so Kenwood won't fix it should something go wrong in the future and how
> knows what else may be wrong from the drop. Just cause it seems OK now,
> doesn't mean that it is OK. Rather see if Kenwood's parts division can ship
> you the encoder knob and try to repair it yourself. If you don't want to do
> that then send the radio back to Kenwood for a proper repair.

Well I did not find any parts floating around inside so I ordered a new
encoder/volume control. No it was not the plastic knob that broke (in fact
there is hardly a mark on it) or the plastic internals of the encoder but
the metal shaft that broke. The rest of the radio holds up very well except
for the encoder shaft. If I did not know better I would think that the shafts
were snapping not from being hit on the knob directly, but due to the weight
of the knob and the large diameter portion of the shaft. I find it strange
that the metal encoder shaft would break so easily while leaving the plastic
portions undamaged.

The modification I am thinking of is to get a shorter knob for the encoder
portion. While it may no eliminate the problem, I think it will make a
smaller target.

>
> And when you get it back, treat it like glass. I know that "ideally" your
> should not have to do that to an HT, but we live in a world of compromises.

If that is the new reality, then I guess I need to sell the TH-D7A and go
back to using the ICOM W2AT then. The W2AT seems to be able to take reasonable
punishment and I would be more comfortable with it in a emergency situation.
The W2AT has knobs that stick up from the top of the case and I have managed
not to break them off. I think the secret is that ICOM did not make the
knobs as tall as the one on the TH-D7A. The ICOM controls use the same shaft
sizes as the TH-D7A.

I also have a D700A as well. Several times my mounting let go in the heat
and the D700A control head bounced around without damaging the shafts or
knobs of the controls.

I guess the reliablity and dependablity claims of Kenwood as well as the
number and letter soup on their web site does not really mean anything when
applied to the TH-D7A.

73 Eric eac@shore.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: D7A(G) Message Reception

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 11 Jul 2000 15:36:07 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-95902-2000.07.11-14.41.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> ... how to program the D7A(G) to receive all messages?.......
> Right now the MSG GROUP is ALL,QST,CQ,KWD

Add the wildcard "*" to the list.

ALSO, everyone should remember that you can QUICKLY change paths by using
abbreviations such as R, W and #. I find this very userful when changing
between UOSAT5 or SUNSAT calls and Terrestrial DIGIs. Examples:

R,W,W   works the same as RELAY,WIDE,WIDE etc...
R,3   works the same as RELAY,WIDE3-3
        (or maybe I have that wrong and "3" will only cause it to use the
        (SSID method of digipeating. I cant test it here because we dont
        (have WIDEn-N around here)...

Maybe its R,W-3 ?... whatever....

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: D7 Encoder Knob broke, AGAIN!!!!

From: Doug Bade <doug@clecom.com>
Date: Tue, 11 Jul 2000 13:38:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95904-2000.07.11-14.42.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As a commercial portable tech I would like to say that any user
who expects his $400.00 portable to bounce instead of break needs a reality
check. As for Icom, having worked on a lot of them, Kenwood wins in my book
ANY day. NO portable made for amateur use is designed for dropping. The
fact that the Icom you own does means you are maybe luckier. I know of many
dead ICOM HT's because they were dropped one to many times... To justify
dropping a radio as OK seems absurd. Your computer would likely not
withstand a fall, why should you think a portable should ? drop your palm
pilot a few times too, and see what happens.....
         I am sorry your encoder shaft broke but in my opinion that will be
a cheap repair for your negligence, A ceramic filter , lcd or cracking a
board would likely cost 10 times that..
         You may want to consider a heavily padded case for the radio as
from personal experience, they afford a great deal more protection than any
other alternative sans not carrying the radio.. Anyone who relies on a
piece of equipment for emergencies owes a little more than cursory
attention to that piece of equipment. Dropping is not included on my
preventative maintenance schedule.... sorry if this is harsh but I happen
to see a lot of radio ABUSE and as far as I am concerned, dropping does fit
in that category... I think Kenwood has some of the best radio equipment
for the price on the planet, Maybe the next d7X will be better but for now
as users we need to be a little more careful and expect repercussions from
"accidents", not blame the manufacturer..
                                                        73, Doug KB8GVQ

Well I guess you are one of the lucky few then. I do not expect the radio
>to be built like a tank and be able to withstand a drop onto a concrete
>floor but it seems to me that the encoder shaft is too delicate compared to
>the rest of the radio. I got feedback before from more than one person that
>they also broke or bent the encoder shaft on the TH-D7A.
>
>
>I find it interesting that two out of two times it seemed to find the right
>spot. Maybe the radio tends to be top heavy thus landing on the knobs.
>
> >
>Well I am not comparing the D7A with Motorola. I have a W2AT HT that has
>knobs
>on top of the radio. It has been dropped a few times. The knobs and the
>radio
>still work. I suppose the W2AT is now one of those old radios that would cost
>$1200 if ICOM was still selling them.
>
>If ICOM came out with a APRS radio then I would consider selling the TH-D7A
>and buying the ICOM. APRS built-in is the only thing that keeps me from
>selling the TH-D7A but it is getting close to the sell off point.
>
>Well I did not find any parts floating around inside so I ordered a new
>encoder/volume control. No it was not the plastic knob that broke (in fact
>there is hardly a mark on it) or the plastic internals of the encoder but
>the metal shaft that broke. The rest of the radio holds up very well except
>for the encoder shaft. If I did not know better I would think that the shafts
>were snapping not from being hit on the knob directly, but due to the weight
>of the knob and the large diameter portion of the shaft. I find it strange
>that the metal encoder shaft would break so easily while leaving the plastic

>portions undamaged.
>
>The modification I am thinking of is to get a shorter knob for the encoder
>portion. While it may no eliminate the problem, I think it will make a
>smaller target.
>
>
>If that is the new reality, then I guess I need to sell the TH-D7A and go
>back to using the ICOM W2AT then. The W2AT seems to be able to take
>reasonable
>punishment and I would be more comfortable with it in a emergency situation.
>The W2AT has knobs that stick up from the top of the case and I have managed
>not to break them off. I think the secret is that ICOM did not make the
>knobs as tall as the one on the TH-D7A. The ICOM controls use the same shaft
>sizes as the TH-D7A.
>
>I also have a D700A as well. Several times my mounting let go in the heat
>and the D700A control head bounced around without damaging the shafts or
>knobs of the controls.
>
>I guess the reliablity and dependablity claims of Kenwood as well as the
>number and letter soup on their web site does not really mean anything when
>applied to the TH-D7A.
>
>73 Eric eac@shore.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Re: Kenwood TM-D700 mobile aprs via sunsat help sought.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 11 Jul 2000 15:43:23 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-95907-2000.07.11-15.09.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 11 Jul 2000, Bathgate, Ed wrote:

> Im am attempting aprs via sunsat using DM-D700 mobile....
> Im set for 9600 up/dn & current sunsat uplink/dn 9600 freqs.
> Do I need to set anything special in the path or uidigi?
>
> Relay, wide, wide.
> Will this work through the sat?

Not at all. Use SUNSAT or UOSAT5 depending on the bird. See details at
my web page:

http://web.usna.navy.mil/~bruninga/astars.html

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] Re: D7 Encoder Knob broke, AGAIN!!!!

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Tue, 11 Jul 2000 13:10:19 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95909-2000.07.11-15.15.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Folks, I use my high tech toys in extreme conditions all the time and have
done very little damage to them because I take precautions.

I use my radio and GPS on while hunting, while backpacking and climbing
mountains. I have not seriously damaged either one of them yet and yes, I
use the TH-D7A all the time and love it. The precaution I use on my
equipment is that I add a securing device to the radio and GPS straps. I
use a key swivel snap device (I don't know the exact name) that is made of
plastic and costs under $1. It works great. Whenever I clip my radio on my
belt, I clip the snap to my belt loop. If it is in my shirt pocket, I clip
it to the button hole or just the fabric. So far I have been lucky and

whenever it fell off, the snap held it securely and prevented it from
hitting the ground.

Just a simple security fix. I highly recommend it for all you small fragile
toys.

I also use this radio while hunting in our severe rainy weather conditions.
I put it in its own raincoat. I use a ziplock sandwich bag and poke a hole
through the top and then screw the antenna on through this hole. I have the
strap come out the bottom of the bag through the ziplock portion, so as long
as the radio is upright, the water will not leak in. Just another simple
trick to protect your radio.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

> -----Original Message-----
> >
>
>   As a commercial portable tech I would like to say that any user
> who expects his $400.00 portable to bounce instead of break needs
> a reality
> check. As for Icom, having worked on a lot of them, Kenwood wins
> in my book
> ANY day. NO portable made for amateur use is designed for dropping. The
> fact that the Icom you own does means you are maybe luckier. I
> know of many
> dead ICOM HT's because they were dropped one to many times... To justify
> dropping a radio as OK seems absurd.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] Re: D7 Encoder Knob broke, AGAIN!!!!

From: "Eric A. Cottrell" <eac@shore.net>
Date: Tue, 11 Jul 2000 17:40:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-95920-2000.07.11-17.45.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doug Bade wrote:
>
>   As a commercial portable tech I would like to say that any user
> who expects his $400.00 portable to bounce instead of break needs a reality
> check. As for Icom, having worked on a lot of them, Kenwood wins in my book
> ANY day. NO portable made for amateur use is designed for dropping. The
> fact that the Icom you own does means you are maybe luckier. I know of many
> dead ICOM HT's because they were dropped one to many times... To justify
> dropping a radio as OK seems absurd. Your computer would likely not
> withstand a fall, why should you think a portable should ? drop your palm
> pilot a few times too, and see what happens.....
>   I am sorry your encoder shaft broke but in my opinion that will be
> a cheap repair for your negligence, A ceramic filter , lcd or cracking a
> board would likely cost 10 times that..
>   You may want to consider a heavily padded case for the radio as
> from personal experience, they afford a great deal more protection than any
> other alternative sans not carrying the radio.. Anyone who relies on a

Hello,

I fixed radios for a living as well a long time ago. I seen radios run over
by cars and trucks and I do not expect a radio to survive some of the abuse.
I have own several HTs as well (both ICOM and Kenwood). I do not drop them
all the time but accidents happen. I guess I am lucky that I had 4+ HTs
that survived.

I doubt that a heavy padded case would help unless it had a roll bar that
came up and protected the knobs as well. The case has actually survived
and does very well. That is what is upsetting. The rest of the radio
seems to take knocks and still works. The encoder shaft is the weak link.
I still think the encoder knob is too tall for it's supporting structure.

I entered feedback into Kenwood and they did offer to send a warranty
letter so I can get the radio repaired at no charge. I had already

ordered the part and would rather spend $25 to use my radio rather
than send it off for two weeks plus to get repaired. The only reason
I sent the radio in before was due to the loose chip capacitor. I do not
have surface mount repair capabilities.

I may be unreasonable but I am not talking about drops onto concrete,
or stuff that destroys the... Oh well....
Maybe I should just shut up as it seems like the list is so gung ho
for Kenwood that people jump on anyone who criticizes Kenwood radios.
Sorry I brought the subject up. Kenwood only does perfect designs. So
perfect that they do not need any suggestions. It is always the user's
fault if it breaks. Enclose the radio in a nerf case! Kenwood is King!!!

73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] SUNSAT APRS Pass

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 11 Jul 2000 21:57:36 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-95957-2000.07.11-21.02.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I finally remembered to catch a SUNSAT APRS pass while I was driving home
from work and copied N4ZO, WB8WOR, WB4APR, N5ZNL and N9IDH at about 2355
UTC Tonight on my Kenwood D700 Mobile.
All packets were 9600 on the donwlink. Was anyone uplinking at 1200?

I tried 1200 during the first part of the pass, but since the D700 cannot
do cross-RATES (1200 up and 9600 down), I couldnt see if the 1200 was
getting through and coming out on 9600 or not.

I did see one station say he was using 1200, but that could have been an
old STATUS packet and he changed like I did to 9600.

The UHF 9600 baud downlink was OK on my 3/4 wave 435 MHZ vertical
(20" mobile whip), but never got above 2 S units. I think it was a 40 deg
western pass for me (in Maryland).

I only saw my own packet ONCE. Did anyone see any more hits?

If you are uplinking on SUNSAT APRS (145.825) please include some info
in your STATUS on your uplink situation, such as POWER, ANTENNA and RATE
so we can evaluate uplink success raates.

Examples:

5w HT into duck
50w 1/4 whip 30sec
50w 3/4 omni
5w HT to ARROW
5w to Arrow 1min
5w to 1/4 whip 2min

Remember, you do NOT have to waste bytes saying you are using a D700 or
D7, since that info is already encoded in every packet anyway.

Thanks,
de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Re: D7 Encoder Knob broke, AGAIN!!!!

From: Doug Bade <doug@ohioaprs.net>
Date: Wed, 12 Jul 2000 08:43:20 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96096-2000.07.12-07.59.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Eric , There is a very large difference in the construction of a Kenwood
amateur HT and say a Motorola HT1000,or an EGE MPA, the latter(s) of which

would withstand falls much better, with knobs just as tall or taller than Kenwood. The difference is a case which is over an eighth of an inch thick and made of something like LEXAN,and/or with a die-cast aluminum frame , it also weighs in at about a pound or 2.. 10 maybe even 5 years ago, most portables were considerably larger than today,and the micro miniature radios we now have at our disposal unfortunately give something up.. namely ruggedness.. What we call Kop Pruf.... no malice intended, just a fact of life. A large discrete component radio gave justification to a heavier case, byproduct.... better drop-ability. Such radio's still exist, but not in the $400.00 dollar area.. least of all, not dual band, wide band and with a modem built in.. Such a HT600/1000 or such with those capabilities would probably sticker at $2000.00- $3000.00 and probably take the punishment you expect.. We have to live with reality.. I applaud Kenwood's offer to repair under warranty, they are a good company.. , This does not however imply you are or were justified to ask for such in my opinion..

As for a Kenwood Centric list... it IS.. TMD700, and TMD-7a are KENWOOD products. I am not ashamed but Proud of that fact.. IF and when ICOM and Yaesu ever build a radio dedicated to APRS, I will evaluate it fairly.. and give it equal attention, but in the mean time, Kenwood is the ONLY vendor in the market making dedicated APRS radio's... nuf said...

This is sensible, not eccentric... I think you have expectations beyond reality... as for not criticizing Kenwood, lots of criticism has been leveled here in this group, alot deserved, but blaming Kenwood for your problems IN THIS CASE seems undeserved.

I repair and sell equipment from many vendors, Kenwood is not on my platter, for reasons I will not elaborate on. My comments are from the service side of the house as I do service them. as well as 6 or so other vendors. Kenwood is sitting about SECOND chair in the Commercial Conventional Products in the US today, as far as market-share .., They DESERVE that slot with a great product line...That may change some day, but right now it is justified, our amateur support will likely bring more and better products from them..

As a side note, the #1 part I replace (besides batteries) is On/off Volume controls. almost every "M" Potrable that comes through the door needs a new one. The way a vendor helps us is by making it easy/cheap to do such repairs.. There are some radio's which require all but complete dissection to change the user controls.. Thank god most make it easier so the customer gets it quicker/cheaper.. That is reality.. you are not different than most users, my point was you have too great of expectations, for what you are paying for.. a portable in 1970 cost $2000.00.... with inflation, it should be close to $8k, or more , we sell similar technology today to that $2k radio, for about $100.00 in today dollars.. something is left out.... you be the judge on which way you want it... .. 73, doug kb8gvq

At 05:40 PM 7/11/00 -0500, you wrote:
>.......

>I fixed radios for a living as well a long time ago. I seen radios run over
>by cars and trucks and I do not expect a radio to survive some of the abuse.
>I have own several HTs as well (both ICOM and Kenwood). I do not drop them
>all the time but accidents happen. I guess I am lucky that I had 4+ HTs
>that survived.
>
>I doubt that a heavy padded case would help unless it had a roll bar that
>came up and protected the knobs as well. The case has actually survived
>and does very well. That is what is upsetting. The rest of the radio
>seems to take knocks and still works. The encoder shaft is the weak link.
>I still think the encoder knob is too tall for it's supporting structure.
>
>I entered feedback into Kenwood and they did offer to send a warranty
>letter so I can get the radio repaired at no charge. I had already
>ordered the part and would rather spend $25 to use my radio rather
>than send it off for two weeks plus to get repaired. The only reason
>I sent the radio in before was due to the loose chip capacitor. I do not
>have surface mount repair capabilities.
>
>I may be unreasonable but I am not talking about drops onto concrete,
>or stuff that destroys the... Oh well....
>Maybe I should just shut up as it seems like the list is so gung ho
>for Kenwood that people jump on anyone who criticizes Kenwood radios.
>Sorry I brought the subject up. Kenwood only does perfect designs. So
>perfect that they do not need any suggestions. It is always the user's
>fault if it breaks. Enclose the radio in a nerf case! Kenwood is King!!!

>
>73 Eric eac@shore.net WB1HBU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] Re: SUNSAT APRS Pass

From: Tom Busch <tomb@kiva.net>
Date: Wed, 12 Jul 2000 08:31:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-96099-2000.07.12-08.32.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:57 PM 7/11/00 , Bob Bruninga wrote:
>I finally remembered to catch a SUNSAT APRS pass while I was driving home
>from work and copied N4ZO, WB8WOR, WB4APR, N5ZNL and N9IDH at about 2355
>UTC Tonight on my Kenwood D700 Mobile.
>All packets were 9600 on the donwlink. Was anyone uplinking at 1200?
>
>I tried 1200 during the first part of the pass, but since the D700 cannot
>do cross-RATES (1200 up and 9600 down), I couldnt see if the 1200 was
>getting through and coming out on 9600 or not.
>
>I did see one station say he was using 1200, but that could have been an
>old STATUS packet and he changed like I did to 9600.
>
>The UHF 9600 baud downlink was OK on my 3/4 wave 435 MHZ vertical
>(20" mobile whip), but never got above 2 S units. I think it was a 40 deg
>western pass for me (in Maryland).
>
>I only saw my own packet ONCE. Did anyone see any more hits?
>
>If you are uplinking on SUNSAT APRS (145.825) please include some info
>in your STATUS on your uplink situation, such as POWER, ANTENNA and RATE
>so we can evaluate uplink success raates.
>
>Examples:
>
>5w HT into duck
>50w 1/4 whip 30sec
>50w 3/4 omni
>5w HT to ARROW
>5w to Arrow 1min
>5w to 1/4 whip 2min
>
>Remember, you do NOT have to waste bytes saying you are using a D700 or
>D7, since that info is already encoded in every packet anyway.
>
>Thanks,
>de WB4APR, Bob
>
>
>
>---
>You are currently subscribed to htaprs as: tomb@kiva.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] Re: SUNSAT APRS Pass

From: Tom Busch <tomb@kiva.net>
Date: Wed, 12 Jul 2000 08:36:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-96101-2000.07.12-08.32.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I saw you, Bob...

I copied N4ZQ, N5ZNL, N9IDH-3, and WB4APR-3

I saw your message saying you finally remembered a pass, and your posit.

I was running 9600 baud Kenwood TH-D7 (G), into an MFJ dual-band mag mount
on the roof of my car.

73,

TomB WB8WOR

At 08:57 PM 7/11/00 , Bob Bruninga wrote:
>I finally remembered to catch a SUNSAT APRS pass while I was driving home
>from work and copied N4ZO, WB8WOR, WB4APR, N5ZNL and N9IDH at about 2355
>UTC Tonight on my Kenwood D700 Mobile.
>All packets were 9600 on the donwlink. Was anyone uplinking at 1200?
>
>I tried 1200 during the first part of the pass, but since the D700 cannot
>do cross-RATES (1200 up and 9600 down), I couldnt see if the 1200 was
>getting through and coming out on 9600 or not.
>
>I did see one station say he was using 1200, but that could have been an
>old STATUS packet and he changed like I did to 9600.
>
>The UHF 9600 baud downlink was OK on my 3/4 wave 435 MHZ vertical
>(20" mobile whip), but never got above 2 S units. I think it was a 40 deg
>western pass for me (in Maryland).
>
>I only saw my own packet ONCE. Did anyone see any more hits?
>
>If you are uplinking on SUNSAT APRS (145.825) please include some info
>in your STATUS on your uplink situation, such as POWER, ANTENNA and RATE
>so we can evaluate uplink success raates.
>
>Examples:
>
>5w HT into duck
>50w 1/4 whip 30sec
>50w 3/4 omni
>5w HT to ARROW
>5w to Arrow 1min
>5w to 1/4 whip 2min
>
>Remember, you do NOT have to waste bytes saying you are using a D700 or
>D7, since that info is already encoded in every packet anyway.
>
>Thanks,
>de WB4APR, Bob
>
>
>
>---
>You are currently subscribed to htaprs as: tomb@kiva.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] 3/4 Wave Vertical Omni

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Jul 2000 10:11:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-96114-2000.07.12-09.17.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For the mobile Satellite operator looking for an Omni, I finally did a
real-world antenna plot of a 3/4 wave 435 Mhz WHip over a car roof
to see how well it matches the EZNEC predictions. The results confirm the
almost 8 dBi gain from about 30 to 80 degrees elevation:

REAL PLOT: http://web.usna.navy.mil/~bruninga/g3q435.jpg

EZNEC PLOT: http://web.usna.navy.mil/~bruninga/gainplot.gif

I did this by building a 1575 MHz scale model of both the antenna and a
miniature car roof and connecting them to a GPS receiver. Then ran the
GPS all night with my SIGPLOT.BAS program that then plots the GPS signal
strength of all satellites for 12 hours from ALL azimuths and ALL
elevation angles. THus you get a calibrated signal source over all the
sky and get a REAL plot of the actual antenna pattern.

Tonight I will change the model to do a simple 1/4 wave vertical to see
how well it fills in the low angle stuff below 30 degrees. BUT I doubt it
will do any good for mobile satellite work, because:

  1) The 1/4 will only have about 5 dBi (3 dB worse than the 3/4)
  2) The satellites will be further away for another 3 to 6 dB loss

Combined, the loss is 6 to 9 dB compared to the 3/4 wave and there is just
not enough signal from the PACSATS to be heard by any system reliably at
that level.

Probably the only way to fill in the low angle is to go to a high
gain vertical (to get 9 dBi below 30 deg) and switch between the two.
during each pass. But given the complexity, I just stick with the 3/4
wave (20" vertical) since it is inherrently dual band being an excellent
1/4 wave 2 meter antenna as well for the uplink. THus, your 2meter 20"
whip in the center of your car roof will serve very well as a mobile
satellite antenna whenever the satellite is above 30 degrees, and most
mobiles cant see much below 30 degrees anyway due to trees.. (back east
anyway...)...

For APRS messaging, though, this is all you need, since the APRS SAT/Igate
will only send your traffic to your mobile when you are within that cone
of coverage, (APRS always knows where everyone is) and conversly, your 2m
mobile uplink has a 18 dB advantage so your outgoing traffic can get into
the satellite at ANY elevation angle...

To see the entire discussion of mobile satellite operation including the
discussion of these antenna plots see:

  http://web.usna.navy.mil/~bruninga/astars.html

Come join us on SUNSAT and any other satellite that may have UI
digipeating enabled...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Re: [aprssig] APRS on Sunsat

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Jul 2000 10:51:42 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        htaprs@lists.tapr.org
Message-ID: <LYR845-96124-2000.07.12-09.56.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone on APRS anywhere can uplink to SUNSAT in its present APRS mode!

If you will be traveling outside the normal APRS infrastructure, be
sure to consider switching your tracker over to 145.825 normal 1200 baud
and set your path via SUNSAT digipeater during the mornign and early
evening passes.
(Please Set to nothing less than 1 minute rate please)

These occur sometime between about 7 to 10 AM and PM local daylight
savings sun time everywhere.   The downlink is on 436.250 +/- 9 Khz and
using 9600 baud which will just sound like a noise burst. But if anyone
is running as an IGate, then everyone on APRServe will see ya...

WARNING! The CENTRAL USA pass in the evening will often be VOICE, so for
us EAST coasters, it is the later pass. For the Left Coasters, it is the
earlier pass. so LISTEN on 145.825 first during those passes before
transmitting. But since the VOICE mode is mode B and the APRS is curently
mode J, then even if your tracker does transmit a few accidentally, you
will be on the donwlink and so noone will hear you unless they are within
5 miles of you...

 See ya on the bird

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] RE: SUNSAT APRS Pass

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Wed, 12 Jul 2000 10:57:44 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-96126-2000.07.12-10.02.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I copied 4 stations on the 20:55 pass using a D700 & 2m 5/8 whip.
I had my via set to APRSAT which I discovered is wrong,
so I did not uplink.

I heard:
N9IDH-3
WB4APR-3
N4ZQ
N5ZNL

Reset my via for SUNSAT, gonna try again tonight!

73

Ed N3SDO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] RE: SUNSAT APRS Pass

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Jul 2000 10:59:54 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-96127-2000.07.12-10.04.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 12 Jul 2000, Bathgate, Ed wrote:

> I copied 4 stations on the 20:55 pass using a D700 & 2m 5/8 whip.
> I had my via set to APRSAT which I discovered is wrong,

APRSAT is supposed to work also, but SUNSAT always does...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] Eastcoast PACGATE

From: "kb2wqm Jeff" <kb2wqm@dandy.net>
Date: Wed, 12 Jul 2000 13:25:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96147-2000.07.12-12.51.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good afternoon everyone. I guess I should of informed the group that my
PACGAT has been down for a few weeks. I had to send my Yaesu FT 847 in for
repair for a multitude of problems. I've been on business travel for 4 out
of the last 6 week's anyway. I've been too busy to even work some passes. I
should get the PACGAT up in a few week's, I will let all know here when I'm
up and running. I have a D-700 in the shack that I will temporally use in
the meantime(with a reduced throughput, due to manual Doppler, and satellite
tuning), when I get back home that is.

73 Jeff kb2wqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Re: D7 Encoder Knob broke: PLEASE READ

From: Kenwood Customer Care <cuyeda@ix.netcom.com>
Date: Wed, 12 Jul 2000 12:09:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Doug Bade <doug@ohioaprs.net>, "Eric A. Cottrell" <eac@shore.net>
Message-ID: <LYR845-96162-2000.07.12-14.12.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Kenwood Customers,

Kenwood appreciates your comments regarding our radio products. It is true that Kenwood radio designs are both innovative and within $ reach of most amateur radio hobbyists. Production costs are always an issue when introducing a new product to the amateur market. Yes, when compared to commercial grade equipment (Kenwood LMR or Motorola) production costs are not as big a factor as the higher standards for bullet proof radios (pun).

As for the encoder knob shaft being broken, our product planning teams and engineers are now aware of this, thanks to the people on this list. On behalf of Kenwood I would like to thank everyone here for participating, because of your comments Kenwood is able to react quicker to these kinds of situations to provide solutions or better products in the future. Kenwood is not a perfect company and will continue to provide products that will enhance our hobby.

Keep up the good work! If you should have a similar experience with a broken encoder, call our customer service department and let us know about it.

73 Kenwood

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] Motorola 520 Work Station MDT & Icom IC-2800

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Wed, 12 Jul 2000 14:24:18
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96164-2000.07.12-14.28.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have interfaced a Mototrola 520 work station to my Icom IC-2800 for 9600 packet operations in my vehicle. I have a question on the back lighting on the keyboard special keys.

Does anyone else on this list server have experience in using the Motorola 520 work station, even if it is in a full-blown, current commercial environment?

If so, I'd like to email you a jpeg of my mobile installation, along with my keyboard question (it's sort of a strange phenomenon, so unless you have actually used a 520 in a vehicle at night, you probably won't know). I'd like to compare notes with another user, before pursuing it with Motorola.

Thanks!

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] RE: [aprssig] APRS on Sunsat

From: Tony Langdon <tlangdon@atctraining.com.au>
Date: Thu, 13 Jul 2000 09:24:22 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-96198-2000.07.12-18.29.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Anyone on APRS anywhere can uplink to SUNSAT in its present APRS mode!

Indeed. I managed to get a packet or two through last night (Wed 0930z pass), well, as least, I heard a 9600bps packet in response to an uplink attempt at 1200. Unfortunately, due to a local birdie a few kHz above

436.250, I am only able to check my downlink at the start or the end of the
pass, and have to rely on signal reports for any other stage of the pass.

Anyone copy VK3JED-1 on APRS? The My beacon contains an email address,
which can be used to send signal reports.

>
> If you will be traveling outside the normal APRS infrastructure, be
> sure to consider switching your tracker over to 145.825
> normal 1200 baud

I thought 145.825 was running 9600, and 145.900 was 1200.

> WARNING! The CENTRAL USA pass in the evening will often be
> VOICE, so for
> us EAST coasters, it is the later pass. For the Left
> Coasters, it is the
> earlier pass. so LISTEN on 145.825 first during those passes before
> transmitting. But since the VOICE mode is mode B and the
> APRS is curently
> mode J, then even if your tracker does transmit a few
> accidentally, you
> will be on the donwlink and so noone will hear you unless
> they are within
> 5 miles of you...

No, the voice passes will be Mode J also. I had word of that myself on at
least two occasions from the Sunsat team directly. There are no voice
passed this week, but from this weekend, it looks like they will adopt a 1
pass per day schedule for the major regions.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] RE: [aprssig] APRS on Sunsat

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Jul 2000 22:34:26 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-96231-2000.07.12-21.39.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got it all wrong. Got my tongue so twisted around my eye-teeth that I
could see what I was saying.. de WB4APR, Bob

On Thu, 13 Jul 2000, Tony Langdon wrote about Bob's foot-in-mouth msg:

> I thought 145.825 was running 9600, and 145.900 was 1200.
>
> > WARNING! The CENTRAL USA pass in the evening will often be
> > VOICE, so for
>
> No, the voice passes will be Mode J also. I had word of that myself on at
> least two occasions from the Sunsat team directly.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] Re: [aprssig] RE: [amsat-bb] 3/4 Wave Vertical Omni

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 12 Jul 2000 22:41:37 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-96239-2000.07.12-21.47.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 13 Jul 2000, Tony Langdon wrote:

> Sounds quite useful. I must see why my attempt to use a 2m 1/4 wave failed
> on 435 MHz. Time to get out the FS meter. :-)

One thing to conisder is that it must be over a "large" ground plane such
as the roof of a car. It requires the ground reflection to get the needed
gain. A normal "ground plane" antenna which is only composed of "radials"

will probably be 3 dB worse. SO will a 20" whip on an HT. It is also
going to be 3 dB worse than the same whip in the center of your roof at
these elevations above 30 deg...

Just some thoughts...
de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] RE: [aprssig] APRS on Sunsat

From: Tony Langdon <tlangdon@atctraining.com.au>
Date: Thu, 13 Jul 2000 12:43:11 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        htaprs@lists.tapr.org
Message-ID: <LYR845-96240-2000.07.12-21.48.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, np probs. :-) Johann just gave an official announcement on the AMSAT
list. :)

Tony Langdon.
Systems Development and Support.
ATC Training Australasia. Level 2 321 Exhibition St Melbourne 3000.
Phone: 1300 13 1983   WWW: http://www.atctraining.com.au

> -----Original Message-----
> From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
> Sent: Thursday, 13 July 2000 12:34
> To: Tony Langdon
> Cc: TAPR APRS Special Interest Group; htaprs@lists.tapr.org
> Subject: RE: [aprssig] APRS on Sunsat
>
>
> I got it all wrong. Got my tongue so twisted around my
> eye-teeth that I
> could see what I was saying.. de WB4APR, Bob
>
> On Thu, 13 Jul 2000, Tony Langdon wrote about Bob's foot-in-mouth msg:
>
> > I thought 145.825 was running 9600, and 145.900 was 1200.
> >
> > > WARNING! The CENTRAL USA pass in the evening will often be
> > > VOICE, so for
> >
> > No, the voice passes will be Mode J also. I had word of
> that myself on at
> > least two occasions from the Sunsat team directly.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] RE: [amsat-bb] 3/4 Wave Vertical Omni

From: Tony Langdon <tlangdon@atctraining.com.au>
Date: Thu, 13 Jul 2000 09:37:24 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-96292-2000.07.13-01.48.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> For the mobile Satellite operator looking for an Omni, I finally did a
> real-world antenna plot of a 3/4 wave 435 Mhz WHip over a car roof
> to see how well it matches the EZNEC predictions. The
> results confirm the
> almost 8 dBi gain from about 30 to 80 degrees elevation:

Sounds quite useful. I must see why my attempt to use a 2m 1/4 wave failed
on 435 MHz. Time to get out the FS meter. :-)

> Probably the only way to fill in the low angle is to go to a high
> gain vertical (to get 9 dBi below 30 deg) and switch between the two.
> during each pass. But given the complexity, I just stick with the 3/4

> wave (20" vertical) since it is inherrently dual band being

I think a switched system is the only way to get the below 30 deg coverage.
Depends on one's requirements. As you say, the higher angles are fine for
APRS work.

> whip in the center of your car roof will serve very well as a mobile
> satellite antenna whenever the satellite is above 30 degrees, and most
> mobiles cant see much below 30 degrees anyway due to trees..
> (back east
> anyway...)...

Hmm, here in Melbourne, 10 degrees is usually visible from a mobile. We
have quite flat terrain, and the western half of the city (where I'm usually
mobile) is built on a basalt plain, so the only limitation on the horizon is
the houses and the odd tree. Further west, it's open grassland with horizon
to horizon views from a mobile. :-)

> Come join us on SUNSAT and any other satellite that may have UI
> digipeating enabled...

I'm there. :)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] RE: [aprssig] RE: [amsat-bb] 3/4 Wave Vertical Omni

From: Tony Langdon <tlangdon@atctraining.com.au>
Date: Thu, 13 Jul 2000 12:44:13 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
htaprs@lists.tapr.org
Message-ID: <LYR845-96310-2000.07.13-05.48.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My failed test was on a magnetic mount in the middle of the car roof. :)

Tony Langdon.
Systems Development and Support.
ATC Training Australasia. Level 2 321 Exhibition St Melbourne 3000.
Phone: 1300 13 1983   WWW: http://www.atctraining.com.au

> -----Original Message-----
> From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
> Sent: Thursday, 13 July 2000 12:42
> To: Tony Langdon
> Cc: TAPR APRS Special Interest Group; htaprs@lists.tapr.org
> Subject: Re: [aprssig] RE: [amsat-bb] 3/4 Wave Vertical Omni
>
>
> On Thu, 13 Jul 2000, Tony Langdon wrote:
>
> > Sounds quite useful. I must see why my attempt to use a 2m
> 1/4 wave failed
> > on 435 MHz. Time to get out the FS meter. :-)
>
> One thing to conisder is that it must be over a "large"
> ground plane such
> as the roof of a car. It requires the ground reflection to
> get the needed
> gain. A normal "ground plane" antenna which is only composed
> of "radials"
> will probably be 3 dB worse. SO will a 20" whip on an HT. It is also
> going to be 3 dB worse than the same whip in the center of
> your roof at
> these elevations above 30 deg...
>
> Just some thoughts...
> de WB4APR, Bob
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Misbehaving TH-D7A(G)

From: John Gorkos <jgorkos@CellNet.com>
Date: Thu, 13 Jul 2000 09:18:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96338-2000.07.13-09.23.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Living in the central US has it's advantages: two great SUNSAT passes last night. I was going to post a list of the stations that I heard, buy my TH-D7A(G) was acting quite odd: Every new stations I heard completely filled the LIST. For example, I heard W8UC-8, and when I looked in the list, ALL 40 stations were W8UC-8. Then, when a new station was heard, (N4???), ALL 40 entries in the list would suddenly shift to N4???. I thought this might be limited to just split ops, but when I started off the morning commute this AM, the same thing was happening on "normal" APRS.
  Solution was to do a DELETE ALL on the list, and then things fell back into place. I'm a little dissapointed that I don't have a record of the 15 or so stations I heard on the two SUNSAT passes last night, but I'm glad the radio recovered. For our Kenwood Service Rep lurker, this might warrant some checking with the firmware guys... Thanks.

BTW, GREAT tropo ducting this morning across the midwest. I'm hearing stations as far away as 700 miles through just one digi (which is 200 miles south).

John Gorkos
KB5HHR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] eTrex Summit GPS

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Thu, 13 Jul 2000 14:33:45 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96340-2000.07.13-09.38.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi APRS Gang --

     I was in my local REI store recently and saw the new Garmin eTrex Summit GPS. It comes in a package which is the same size as the eTrex and uses the same accessories. In a joint-venture with Suunto, Garmin has equipped the eTrex Summit with a built-in electronic compass which is accurate when the instrument is motionless or moving slowly. After it accelerates above a certain threshold, the regular GPS compass function kicks in. The eTrex Summit also has a built-in barometric sensor. Both the electronic compass and barometric sensor can be calibrated, but I don't know how the latter interacts with GPS elevation calculations. For example, inside a pressurized aircraft I don't know whether the user can switch between barometric and GPS elevation readings. There are some related track features which display elevation profiles. I hope that Garmin has corrected some glitches in its implementation of SI (metric) units which are present in the Summit. I was assured by a public relations person at Garmin that they would make appropriate changes. Perhaps these software corrections can be downloaded now. The Garmin Summit retails for about US$230, almost twice the eTrex price. But there's more:

     An REI staff member told me that more advanced and more expensive model of the eTrex Summit will also be released which includes all of the eTrex Summit features, plus the capability of displaying downloaded map data. This should pose some interesting possibilities for the APRS fraternity.

73, Bruce Prior N7RR in Blaine, Washington

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] RE: SUNSAT APRS Pass

From: "Johann Lochner" <lochner@ing.sun.ac.za>
Date: Wed, 12 Jul 2000 21:33:34 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-96360-2000.07.13-12.08.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

> > I copied 4 stations on the 20:55 pass using a D700 & 2m 5/8 whip.
> > I had my via set to APRSAT which I discovered is wrong,
>
> APRSAT is supposed to work also, but SUNSAT always does...

APRSAT only works when other APRS transmissions (posits, telemetry,
bulletins, etc.) is enabled. In the meantime SUNSAT should work for
both 1k2 and 9k6 uplinks.

Kind regards,
Johann, ZR1CBC

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  e-pos: lochner@ing.sun.ac.za
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] RE: APRS on Sunsat

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Thu, 13 Jul 2000 14:28:04 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-96374-2000.07.13-13.32.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Tony said:
>Anyone copy VK3JED-1 on APRS? The My beacon contains an email address,
>which can be used to send signal reports.

Im in the same boat. I was in the house and did not see if my packet
got recignized by the sat or not. I was checking APRS-serv to see if
any of the stations I copied on my log were showing up, and I did not
see any of them listed. Is there a sat-gate for Sunsat? Am I looking
in the wrong place? Did anybody copy N3SDO-1 ?

By the way, is the www.aprs.net down?

Oddly, on my QTH rf-aprsdos setup, I did see a piece of my callsign popup
at my work coordinates (last stored GPS position) as a circle icon.
" O (SDO)si "
And when I clicked on it, APRSDOS only gave me the lat & long,
and the word 'FADE'. That is the first time I have ever seen that.

Different subject... messaging across different I-Gates or digis / email
Say my QTH N3SDO-2 wants to send to N3YBE /mobile 8 near michigan, but
I don't know what I-Gates or Digis he is near. Can I message him, how?
We have an Igate (w3vc) here in pgh, and a Digi (w3exw) that sometimes
gets into Eastern Ohio and Maryland.

Email:??? I saw a paragraph on sending email on WB4APR's web site,
but not sure if this is an experimental Email gate, or if its a full
service gate?

73

Ed N3SDO
N3SDO@forcomm.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] APRS Digipeater help needed

From: "Morris Hays" <mhays@snet.net>
Date: Thu, 13 Jul 2000 21:52:3
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96455-2000.07.13-21.56.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As I seem to be in an APRS black hole where I live I am trying to put up
an APRS digipeater to give my TH-D7a and any other travelers through my
area a boost out. The problem is that I'm a beginner at this. I bought an
MFJ -1270C TNC-2 and a MFJ - 8621 Data Radio. If anyone is familiar and can
give me a hand with the setup It would be greatly appreciated. I've alreadt
talked to the MFJ boys who said that APRS (which they don't cover in their
manuals) is 3rd party software and that I should seek help elsewhere. Sorry
if this is out of line asking this on the list. Please reply off list to
mhays@snet.net
Morris Hays
KB1DZN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] APRS Digipeater help needed

From: hawk.bennett@intelisol.com
Date: Fri, 14 Jul 2000 07:43:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Morris Hays"<mhays@snet.net>, nihawk@dfw.net
Message-ID: <LYR845-96528-2000.07.14-07.48.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would be interested in this info, also. Please include me in the
exchange of messages so I can "get on board".

        William "Hawk" Bennett
        Callsign: K5HWK
        APRS: K5HWK-2 (car)
        nihawk@dfw.net

> Subject: APRS Digipeater help needed
> From: "Morris Hays" <mhays@snet.net>
> Date: Thu, 13 Jul 2000 21:52:3
> X-Message-Number: 7
>
> As I seem to be in an APRS black hole where I live I am trying to put up
> an APRS digipeater to give my TH-D7a and any other travelers through my
> area a boost out. The problem is that I'm a beginner at this. I bought an
> MFJ -1270C TNC-2 and a MFJ - 8621 Data Radio. If anyone is familiar and
> can
> give me a hand with the setup It would be greatly appreciated. I've
> alreadt
> talked to the MFJ boys who said that APRS (which they don't cover in their
>
> manuals) is 3rd party software and that I should seek help elsewhere.
> Sorry
> if this is out of line asking this on the list. Please reply off list to
>
> mhays@snet.net
> Morris Hays
> KB1DZN
>
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] New APRSdata version

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 14 Jul 2000 14:06:06 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96575-2000.07.14-13.11.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a new version of the APRSdata.EXE program. As you know, this
program runs on a DOS PC and automatically feeds Satellite PASS data to
all D700 and D7 HT's and Mobiles in the area so that they need no prior

knowledge to operate through any of the 7 or so FM satellites...

APRSdata also responds to QDOS Queries to provide local information about
the nearest objects, locations, or information included in the Query...
such as HAM Stores, Wrecks, Digis, Gates, Hospitals, EOC's, CLubs,
nets, etc..

Here are the new changes in this version:

1) It can be configured to automatically convert raw remote WX stations
    data to APRS format so that those stations will SHOW on D7 and D700
    mobiles in the area. Currently Mobiles wont see this info...

2) Other minor tweaks:
    a) Now has a NEXT (-) command so you can see the "previous" 2 hours
        of satellite passes (that you may have missed)
    b) Fixes bug that caused two APRSdata servers in overlaping areas
        fromn canceling each others Satellite Objects.

Download ftp://tapr.org/aprssig/dosstuff/APRSdos/adat-exe.zip

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

113. [htaprs] Re: eTrex Summit GPS

From: Alan B Schulman <n4lbl@webaccess.net>
Date: Fri, 14 Jul 2000 21:37:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96642-2000.07.14-22.41.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bruce:

I'd read of another GPS with an aneroid barometer, some Magellan
model perhaps. I don't know how true this is but I was told or
read that they changed the damping of the altitude computation,
more damping when the aneroid change and GPS altitude change
disagreed, less damping when they agreed. This was intended to
minimize altitude error back in the pre-cambrian era, so long ago,
when we had SA.

Given product cycle duration expectations, this GPS was likely
designed when SA was an issue. (AND IT CAN BE AN ISSUE AGAIN!!)
Who knows...

Alan   n4lbl

Bruce Prior wrote:
>
> Hi APRS Gang --
>
>   I was in my local REI store recently and saw the new Garmin eTrex
> Summit GPS. It comes in a package which is the same size as the eTrex and
> uses the same accessories. In a joint-venture with Suunto, Garmin has
> equipped the eTrex Summit with a built-in electronic compass which is
> accurate when the instrument is motionless or moving slowly. After it
> accelerates above a certain threshold, the regular GPS compass function
> kicks in. The eTrex Summit also has a built-in barometric sensor. Both the
> electronic compass and barometric sensor can be calibrated, but I don't know
> how the latter interacts with GPS elevation calculations. For example,
> inside a pressurized aircraft I don't know whether the user can switch
> between barometric and GPS elevation readings. There are some related track
> features which display elevation profiles. I hope that Garmin has corrected
> some glitches in its implementation of SI (metric) units which are present
> in the Summit. I was assured by a public relations person at Garmin that
> they would make appropriate changes. Perhaps these software corrections can
> be downloaded now. The Garmin Summit retails for about US$230, almost twice
> the eTrex price. But there's more:
>
>   An REI staff member told me that more advanced and more expensive model
> of the eTrex Summit will also be released which includes all of the eTrex
> Summit features, plus the capability of displaying downloaded map data.
> This should pose some interesting possibilities for the APRS fraternity.

>
> 73, Bruce Prior N7RR in Blaine, Washington
> _____
> Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com
>
> ---
> You are currently subscribed to htaprs as: n4lbl@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

114. [htaprs] APRS Symposium at DCC

From: Steve Dimse <sdimse@earthlink.net>
Date: Sun, 16 Jul 2000 09:19:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96842-2000.07.16-08.25.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Once again it is time to start planning for the APRS Symposium at the
Digital Communication Conference. It will be held Friday, Sept 22, 2000
in Orlando. More info on the conference is available at

http://www.tapr.org/dcc

This is as close as APRS comes to a national convention, past years have
drawn most of the movers and shakers within APRS. If you love APRS,
you'll love the Symposium!

The APRS Symposium will run roughly from 1PM to 7PM, exact times to be
determined. Undoubtably the usual suspects will be presenting, but I
especially want to encourage people that haven't presented before to do
so.

Anyone (including the usual suspects, I will not chase you down this
year) that will be there and wishes to present should notify me within
the next week, including the topics you wish to present and the amount of
time you would like.

If you aren't going to DCC but have something to share, consider
submitting it for publication in the proceedings anyway, it is a good way
to get information published. Deadline is August 7, details on submission
are available at the above DCC web site.

See you there!

Steve K4HG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

115. [htaprs] downloaded winaprs 2.4.6

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 16 Jul 2000 14:15:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96918-2000.07.16-16.18.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

upgraded from winaprs 2.2 to 2.4.6

got a new tmd 700a   filled out the ack message in winaprs and told
winaprs to do a ack, but when i am sent a packet winaprs won't ack

any ideas on what i am doing wrong?

the tmd 700 a standing alone off the pc does its own ack ok.

73

steve scott

las vegas
find me on a map! go to http://maps.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

116. [htaprs] Re: APRS Digipeater help needed

From: "Robert Duncan" <rwduncan@dove.net.au>
Date: Sat, 15 Jul 2000 18:53:22 +0930
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "APRS" <htaprs@tapr.org>
Message-ID: <LYR845-96929-2000.07.16-17.49.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day All
Over here in Adelaide (Australia) we are just starting to get APRS setup and
running - I have an MFJ-1270B that has been put aside for digi use so I
would also be interested in the setup information.

Rob
VK5ZIK
----- Original Message -----
From: <hawk.bennett@intelisol.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Morris Hays" <mhays@snet.net>; <nihawk@dfw.net>
Sent: Friday, July 14, 2000 10:13 PM
Subject: [htaprs] APRS Digipeater help needed

> I would be interested in this info, also. Please include me in the
> exchange of messages so I can "get on board".
>
> William "Hawk" Bennett
> Callsign: K5HWK
> APRS: K5HWK-2 (car)
> nihawk@dfw.net
>
> ----------------
>
> > Subject: APRS Digipeater help needed
> > From: "Morris Hays" <mhays@snet.net>
> > Date: Thu, 13 Jul 2000 21:52:3
> > X-Message-Number: 7
> >
> > As I seem to be in an APRS black hole where I live I am trying to put
up
> > an APRS digipeater to give my TH-D7a and any other travelers through my
> > area a boost out. The problem is that I'm a beginner at this. I bought
an
> > MFJ -1270C TNC-2 and a MFJ - 8621 Data Radio. If anyone is familiar and
> > can
> > give me a hand with the setup It would be greatly appreciated. I've
> > alreadt
> > talked to the MFJ boys who said that APRS (which they don't cover in
their
> >
> > manuals) is 3rd party software and that I should seek help elsewhere.
> > Sorry
> > if this is out of line asking this on the list. Please reply off list to
> >
> > mhays@snet.net
> > Morris Hays
> > KB1DZN
> >
> >
> >
> >
>
> ---
> You are currently subscribed to htaprs as: rwduncan@dove.net.au
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

117. [htaprs] Re: eTrex Summit GPS

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Sun, 16 Jul 2000 18:57:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-96931-2000.07.16-18.05.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI....

I contacted Garmin about this unit, in that I was VERY interested in
the flux gate compass. If it has the compass heading in the GPS/NMEA
string, I would have bought one the minute it hit the stores. But,
much to my disappointment, the Fluxgate information is only available
on the display..

Oh well....

>Bruce:
>
>I'd read of another GPS with an aneroid barometer, some Magellan
>model perhaps. I don't know how true this is but I was told or
>read that they changed the damping of the altitude computation,
>more damping when the aneroid change and GPS altitude change
>disagreed, less damping when they agreed. This was intended to
>minimize altitude error back in the pre-cambrian era, so long ago,
>when we had SA.
>
>Given product cycle duration expectations, this GPS was likely
>designed when SA was an issue. (AND IT CAN BE AN ISSUE AGAIN!!)
>Who knows...
>
>Alan   n4lbl
>
>Bruce Prior wrote:
> >
> > Hi APRS Gang --
> >
> >   I was in my local REI store recently and saw the new Garmin eTrex
> > Summit GPS. It comes in a package which is the same size as the eTrex and
> > uses the same accessories. In a joint-venture with Suunto, Garmin has
> > equipped the eTrex Summit with a built-in electronic compass which is
> > accurate when the instrument is motionless or moving slowly. After it
> > accelerates above a certain threshold, the regular GPS compass function
> > kicks in. The eTrex Summit also has a built-in barometric
>sensor. Both the
> > electronic compass and barometric sensor can be calibrated, but I
>don't know
> > how the latter interacts with GPS elevation calculations. For example,
> > inside a pressurized aircraft I don't know whether the user can switch
> > between barometric and GPS elevation readings. There are some
>related track
> > features which display elevation profiles. I hope that Garmin
>has corrected
> > some glitches in its implementation of SI (metric) units which are present
> > in the Summit. I was assured by a public relations person at Garmin that
> > they would make appropriate changes. Perhaps these software
>corrections can
> > be downloaded now. The Garmin Summit retails for about US$230,
>almost twice
> > the eTrex price. But there's more:
> >
> >   An REI staff member told me that more advanced and more
>expensive model
> > of the eTrex Summit will also be released which includes all of the eTrex
> > Summit features, plus the capability of displaying downloaded map data.
> > This should pose some interesting possibilities for the APRS fraternity.
> >
> > 73, Bruce Prior N7RR in Blaine, Washington
> > ____
> > Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com
> >
> > ---
> > You are currently subscribed to htaprs as: n4lbl@arrl.net

> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>---
>You are currently subscribed to htaprs as: ksproul@vger.rutgers.edu
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

118. [htaprs] D700 realtime satellite tracking software

From: "Karl G6ODT" <g6odt@btinternet.com>
Date: Mon, 17 Jul 2000 01:09:36 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96933-2000.07.16-19.15.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

I've just uploaded by tracking program to my website.
The program will configure and tune your TM-D700 to
follow the doppler for SunSat and UO-22.

It includes realtime tracking thanks to some hard work
by Alex G7JGQ who wrote the tracking control used by
the program

Follow the URL in the signature to my Packet website and
select Sunsat from the left hand menu.

73 Karl G6ODT
Email g6odt@yahoo.com
http://members.tripod.com/~g6odt/packet.html
http://www.btinternet.com/g6odt/d700.html
24h Relay/Wide .Tracen-n Enabled.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

119. [htaprs] Re: D700 realtime satellite tracking software

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 16 Jul 2000 20:45:26 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-96939-2000.07.16-19.50.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great work regarding the D700 Doppler tuning for the APRS Satellites.

Now, how do we take the output of the D700 TNC and feed it into an IGate
so we can get on with teh worldwide SUNSAT/Uo22 IGATE system? My APRStk
will do this too, but I have no way to feed the downlink into APRServe..

Maybe the Sprouls or Brent or Steve or Dale can incorporate this into
their Igate code somehow?

de WB4APR, Bob

On Mon, 17 Jul 2000, Karl G6ODT wrote:

> I've just uploaded by tracking program to my website.
> The program will configure and tune your TM-D700 to
> follow the doppler for SunSat and UO-22.
>
> It includes realtime tracking thanks to some hard work
> by Alex G7JGQ who wrote the tracking control used by
> the program
>

> Follow the URL in the signature to my Packet website and
> select Sunsat from the left hand menu.
>
> 73 Karl G6ODT
> Email g6odt@yahoo.com
> http://members.tripod.com/~g6odt/packet.html
> http://www.btinternet.com/g6odt/d700.html
> 24h Relay/Wide .Tracen-n Enabled.
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

120. [htaprs] New APRSdata posted.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 16 Jul 2000 20:51:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96941-2000.07.16-19.57.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I made two more slight tweaks to APRSdata that will serve out Satellite
OBJECTS and Schedules to D700 mobiles and D7 HT's in your area. This
version was posted Sunday afternoon.

The LIST-KEPS command now shows the Julian date so you can see how old
yoru keps are.

It also cleans up how the DX ALERT message looks on the mobile's D700
screen...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

121. [htaprs] Re: D700 realtime satellite tracking software

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 16 Jul 2000 21:00:20 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-96942-2000.07.16-20.05.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 17 Jul 2000, Karl G6ODT wrote:

> I've just uploaded by tracking program to my website.
> The program will configure and tune your TM-D700 to
> follow the doppler for SunSat and UO-22.

You might want to consider including my on-air format for exchanging NASA
ONE-LINE Elements. Once every hour or so, or on demand as part of its
QUERY-SERVER function, my APRSdata program can send out a
single packet ONE-LINE Keplarian Element set. All stations with older
elements can capture this packet and update their elements
automatically...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

122. [htaprs] Re: eTrex Summit GPS

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 16 Jul 2000 20:20:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-96943-2000.07.16-20.26.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Correct, I would assume that could be taken care of in firmware. Heck, the eMap now allows NMEA-in.

I believe the NMEA compass string header is: $HCHDM

The only NMEA electronic compasses I can find start at about $250. That's as much as a new GPS.

Mark

At 05:57 PM 7/16/00, Keith Sproul wrote:
>FYI....
>
>I contacted Garmin about this unit, in that I was VERY interested in the
>flux gate compass. If it has the compass heading in the GPS/NMEA string,
>I would have bought one the minute it hit the stores. But, much to my
>disappointment, the Fluxgate information is only available on the display..

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

123. [htaprs] Electronic Compass

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sun, 16 Jul 2000 19:12:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-96947-2000.07.16-21.16.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thought there might be some interest here. Precision Navigation has an electronic compass (which can be hooked to a Parallax Basic Stamp to give NMEA serial output - if you know the format....) for $50.00. Weighs in at 0.4 ounces and 1.5 x 1.5 inches. I have one and they work pretty well. They are accurate to within +/-2 degrees and have one degree resolution.

Here are some links:

Manufacturer's product info:
http://www.precisionnavigation.com/vector2xmain2.html
Interfacing with a Basic Stamp:
http://www.phanderson.com/printer/compass/compass.html
Where to find info on the Basic Stamp: http://www.parallaxinc.com/

Walter

_____

From: "Mark Fellhauer" <sparkfel@primenet.com>

> The only NMEA electronic compasses I can find start at about $250. That's
> as much as a new GPS.
>
> Mark

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

124. [htaprs] Re: Electronic Compass

From: BordingK@aol.com
Date: Sun, 16 Jul 2000 22:27:25 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-96951-2000.07.16-21.33.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/16/00 10:14:45 PM Eastern Daylight Time,
walter@radiohound.com writes:

<< http://www.phanderson.com/printer/compass/compass.html >>

Depending on the application you might need the unit with the self leveling
gimbal. See: http://www.jdr.com/interact/item.asp?itemno=gr-vector

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

125. [htaprs] Re: Electronic Compass

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 16 Jul 2000 23:33:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-96968-2000.07.16-23.39.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm aware of the PN unit - here's the problem: The Vector 2XG with
mechanical gimballing ($100) only allows for a + or - 15 degree tilt.   If
you think about it, thats not much. Certainly if you consider roads
surfaces (bumps, grades) or g-forces encountered while turning or
accellerating, the unit is going to be torqued more than 15 degrees while
driving - unless you are driving on a perfectly flat, well-paved road. I
don't see many roads like that around where I drive.   It would be worse on
a boat.   What one needs is a 3 axis electronically gimballed unit. That
jumps the price to $700 and up for a PN OEM electronic compass module.

Also the Vectors have no display. For $250 I can get an electronic marine
compass from KVH, electronically gimballed - accurate up to + or - 25
degrees (shock stabilized) with selective damping. This unit has a backlit
display and NMEA out.   It is designed for powerboats, they also make a
unit for sailboats which can handle larger tilt angles.

The Precision Navigation units look pretty neat though and I wouldn't mind
having one to play with, but I'd rather put the $100 towards a KVH, or
better yet, a GPS that integrates an electronic compass.

Mark

At 09:12 PM 7/16/00, Walter Dunckel wrote:

>Thought there might be some interest here. Precision Navigation has an
>electronic compass (which can be hooked to a Parallax Basic Stamp to give
>NMEA serial output - if you know the format....) for $50.00.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

126. [htaprs] Re: D700 realtime satellite tracking software

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Mon, 17 Jul 2000 22:13:45 +0200 (CEST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-97088-2000.07.17-14.14.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Bob and others

How does this onair kepler exchange format look like.
i'm running digi_ned here as a relay digi and tiny webpage server so it's
easy to put it in my response file when i know how it looks.

73 de Andre PE1RDW
aprsdigi co-ordinator Netherlands
member aprs workgroup netherlands
mailto:pe1rdw@aprsnl.org

On Sun, 16 Jul 2000, Bob Bruninga wrote:

> You might want to consider including my on-air format for exchanging NASA
> ONE-LINE Elements. Once every hour or so, or on demand as part of its
> QUERY-SERVER function, my APRSdata program can send out a
> single packet ONE-LINE Keplarian Element set. All stations with older
> elements can capture this packet and update their elements
> automatically...
>
> de WB4APR, Bob
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

127. [htaprs] 3/4 Wave Vertical Omni

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 17 Jul 2000 17:38:17 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: amsat-bb@amsat.org, TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-97101-2000.07.17-16.43.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last week I posted the results of a 435 MHz 3/4 wave vertical whip
satellite antenna (2m 20" whip) on a scale model car roof. Last night I
re-ran the test using a standard 1/4 wave vertical so I could get a
benchmark for comparison.

The 1/4 wave did have a better pattern at low angles down to about 10
deg, but the 3/4 outperformed it everywhere above 27 deg by 3 to 4 dB or
more. Since the satellite is closer there too, that is why this
antenna does well for mobile satellite reception. AND it is dual band
for the 2m uplink as well. See the updated plot (side-by-side) on the WEB
page below.

On Wed, 12 Jul 2000, Bob Bruninga wrote:

> For the mobile Satellite operator looking for an Omni, I finally did a
> real-world antenna plot of a 3/4 wave 435 Mhz WHip over a car roof
> to see how well it matches the EZNEC predictions. The results confirm the
> almost 8 dBi gain from about 30 to 80 degrees elevation:
>
> See near bottom of: http://web.usna.navy.mil/~bruninga/astars.html
>
> I did this by building a 1575 MHz scale model of both the antenna and a
> miniature car roof and connecting them to a GPS receiver. Then ran the
> GPS all night with my SIGPLOT.BAS program that then plots the GPS signal
> strength of all satellites for many hours from ALL azimuths and ALL
> elevation angles. THus you get a calibrated signal source over all the
> sky and get a REAL plot of the actual antenna pattern.
>
> Tonight I will change the model to do a simple 1/4 wave vertical to see
> how well it fills in the low angle stuff below 30 degrees. BUT I doubt it
> will do any good for mobile satellite work, because:
>
>   1) The 1/4 will only have about 5 dBi (3 dB worse than the 3/4)
>   2) The satellites will be further away for another 3 to 6 dB loss
>
> Combined, the loss is 6 to 9 dB compared to the 3/4 wave and there is just
> not enough signal from the PACSATS to be heard by any omni reliably at
> that level.
>
> Probably the only way to fill in the low angle is to go to a high
> gain vertical (to get 9 dBi below 30 deg) and switch between the two.
> during each pass. But given the complexity, I just stick with the 3/4
> wave (20" vertical) since it is inherrently dual band being an excellent
> 1/4 wave 2 meter antenna as well for the uplink. THus, your 2meter 20"
> whip in the center of your car roof will serve very well as a mobile
> satellite antenna whenever the satellite is above 30 degrees, and most

> mobiles cant see much below 30 degrees anyway due to trees.. (back east
> anyway...)...
>
> For APRS messaging, though, this is all you need, since the APRS SAT/Igate
> will only send your traffic to your mobile when you are within that cone
> of coverage, (APRS always knows where everyone is) and conversly, your 2m
> mobile uplink has a 18 dB advantage so your outgoing traffic can get into
> the satellite at ANY elevation angle...
>
> To see the entire discussion of mobile satellite operation including the
> discussion of these antenna plots see:
>
>   http://web.usna.navy.mil/~bruninga/astars.html
>
> Come join us on SUNSAT and any other satellite that may have UI
> digipeating enabled...
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

128. [htaprs] re: Electronic Compasses

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Mon, 17 Jul 2000 23:35:38 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97105-2000.07.17-18.40.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A handheld GPS will give you all the compass reading you need as soon as
you're moving at a fairly slow walking pace. It's only when you're not
going anywhere that an electronic compass is more useful than a simple GPS
with a heading indicator. Therefore I don't see any need for an expensive
gimballing mechanism as long as you're on land.
Bruce Prior N7RR
_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

129. [htaprs] Re: Electronic Compass

From: "Walter Dunckel" <walter@radiohound.com>
Date: Mon, 17 Jul 2000 22:52:06 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97121-2000.07.17-21.57.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Although I do own a 4 wheel drive, I mostly stay on 4 wheels, and rarely climb 16.6% grades. The
accuracy of your heading is going to be more accurate with any (moving) hand held GPS. It is only when
you are stopped that an approximate heading would be nice. For this problem the cheapest model would
work fine - so you are off by 20 degres, at least you are not circling blindly at intersections. The PN
unit can also be calibrated for use in a vehicle with a magnetic field. Maybe the Summit does this
too...

Walter

Mark Fellhauer wrote on 7/16/00 9:36 pm:

I'm aware of the PN unit - here's the problem: The Vector 2XG with mechanical gimballing ($100) only allows for a + or - 15 degree tilt. If you think about it, thats not much. Certainly if you consider roads surfaces (bumps, grades) or g-forces encountered while turning or accellerating, the unit is going to be torqued more than 15 degrees while driving - unless you are driving on a perfectly flat, well-paved road. I don't see many roads like that around where I drive. It would be worse on boat. What one needs is a 3 axis electronically gimballed unit. That jumps the price to $700 and up for a PN OEM electronic compass module.

Also the Vectors have no display. For $250 I can get an electronic marine compass from KVH, electronically gimballed - accurate up to + or - 25 degrees (shock stabilized) with selective damping. This unit has a backlit display and NMEA out. It is designed for powerboats, they also make a unit for sailboats which can handle larger tilt angles.

The Precision Navigation units look pretty neat though and I wouldn't mind having one to play with, but I'd rather put the $100 towards a KVH, or better yet, a GPS that integrates an electronic compass.

Mark

At 09:12 PM 7/16/00, Walter Dunckel wrote:

>Thought there might be some interest here. Precision Navigation has an >electronic compass (which can be hooked to a Parallax Basic Stamp to give >NMEA serial output - if you know the format....) for $50.00.

You are currently subscribed to htaprs as: walterd@radiohound.com To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

130. [htaprs] Re: Electronic Compass

From: BordingK@aol.com
Date: Mon, 17 Jul 2000 23:17:14 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97124-2000.07.17-22.22.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I'll give you an example where an electronic compass AND GPS. We are working on a steerable parachute to facilitate balloon payload recovery here in N. FL. This is NOT Kansas and we'll like to have a little more control over the payload's landing point than near random chance. Too many swamps and areas I'd rather not go searching.

While a GPS will tell you which way an object is moving, it won't tell you which way it is facing, which is important when you attempt to steer something. In some wind conditions a payload which has a speed vector due to its steerable parachute may be moving thru the air mass on say a heading of 090, but really moving 270 degrees. That's because the air mass has a high westerly velocity that is greater than the capsules easterly velocity.

Thus the GPS thinks the payload is moving west, which it is, but the payload is facing east.

We have to know what direction the device is facing in order to combine the vectors to get where we want to go.

DE W5KNB
Ken

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

131. [htaprs] TM-D700A help

From: "John Shinall" <k4yk@arrl.net>
Date: Tue, 18 Jul 2000 10:24:58

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97185-2000.07.18-10.29.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got the GPS-III+ and 700 up and running FB on Sunday and while monitoring
packets with the TH-D7A noticed below the SSID in the message were several
"questionable characters". The display was as follows:

1: K4YK-3
 ]"5f}

What does this mean?

And further. When I turned everything back on this morning, the 700
displays "OPENING TNC" but nothing more has happened. No packets are being
decoded, displayed, digi'd or transmitted. The rig just sits there opening
the TNC. What changed from Sunday's operation?

(Admittedly these anomolies are most likely attributable to inexperienced
operator error and not spacial disorientation.)

In any event, HELP PLEASE!

de

John, K4YK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

132. [htaprs] RE: TM-D700A help

From: Bill Diaz <billdiaz@megsinet.net>
Date: Tue, 18 Jul 2000 10:36:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97187-2000.07.18-10.41.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John,
  The "questionable characters" appear to be a portion of raw Mic-E data.
 Shouldn't cause a problem.

Not sure why the OPENING TNC message is displayed. You may want to try
pressing the reset button on the front of the D700 main unit. If possible,
save your settings to disk before doing so.

Bill KC9XG

On Tuesday, July 18, 2000 5:25 AM, John Shinall [SMTP:k4yk@arrl.net] wrote:
> Got the GPS-III+ and 700 up and running FB on Sunday and while monitoring
> packets with the TH-D7A noticed below the SSID in the message were several
> "questionable characters". The display was as follows:
>
> 1: K4YK-3
>]"5f}
>
> What does this mean?
>
> And further. When I turned everything back on this morning, the 700
> displays "OPENING TNC" but nothing more has happened. No packets are being
> decoded, displayed, digi'd or transmitted. The rig just sits there opening
> the TNC. What changed from Sunday's operation?
>
> (Admittedly these anomolies are most likely attributable to inexperienced
> operator error and not spacial disorientation.)
>
> In any event, HELP PLEASE!
>
> de
>
> John, K4YK
>
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

133. [htaprs] Re: TM-D700A help

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 18 Jul 2000 12:19:53 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-97192-2000.07.18-11.24.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 18 Jul 2000, John Shinall wrote:

> Got the GPS-III+ and 700 up and running FB on Sunday and while monitoring
> packets with the TH-D7A noticed below the SSID in the message were several
> "questionable characters". The display was as follows:
>
> 1: K4YK-3
>]"5f}

Thats the ALTITUDE of a D700 station... The old D7 does not decode them
so it just displays the altitude in raw format.

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

134. [htaprs] eTrex Summit now supports Compass on NMEA data

From: Keith Sproul <ksproul@td.rutgers.edu>
Date: Tue, 18 Jul 2000 12:40:11 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97194-2000.07.18-11.45.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just received this from Garmin..   This was my complaint about the eTrax
summit GPS.   They fixed this.. So, now that means I have to go buy an
eTrax Summit GPS...

Keith Sproul

---------- Forwarded message ----------
Date: Tue, 18 Jul 2000 10:00:50 -0500
From: "Butterfield, Jeff" <Jeff.Butterfield@garmin.com>
To: 'Keith Sproul' <ksproul@td.rutgers.edu>
Subject: RE: eTrex Summit

Mr. Sproul,
        Just thought you'd like to know version 2.03 of the eTrex Summit
operating software is on our web site, and features electronic compass
output in NMEA.

Best regards,

Jeff Butterfield
GARMIN Customer Service
customer.support@garmin.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

135. [htaprs] Kenwood D700, Laptop APRS AND SSTV

From: BordingK@aol.com
Date: Tue, 18 Jul 2000 13:02:17 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-97200-2000.07.18-12.07.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've got the soldering iron heating up, but I decided I had best check with
the panel of experts before wasting a bunch of time.

I'm about to interface my D700, on which I want to continue running laptop
mobile APRS, with my SSTV unit. Looks like all the one way -outbound SSTV
connections are on the mini-din plug on the back of the radio and the DB-9 is
still available for RS-232 connection to the laptop.

I want to run APRS on one side of the radio and voice / SSTV on the other
half. If this doable? Any special settings to enable the mini-din data
connector?

Thanks in advance.

DE W5KNB
Ken in Jax, FL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

136. [htaprs] Custom map for bike race

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Tue, 18 Jul 2000 13:20:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97208-2000.07.18-13.30.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's an easy one for y'all.

I would like to extract a portion of a WinAPRS map of Yazoo County, Mississippi
for use in tracking the progress of a bicycle race next Sunday. It would be
nice to be able to label the turns on the course, too.

Any help will be appreciated. Thanks.

Bill, KM5GE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

137. [htaprs] Kenwood D700 "phone cable"

From: BordingK@aol.com
Date: Tue, 18 Jul 2000 14:46:38 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97211-2000.07.18-13.51.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anybody have a Radio Shack or other vendor part number for the four connector
RJ-11 phone connectors that mate the Control Panel to the main radio unit?
The plastic connectors are a lot narrower than anything I have on hand.

Thanks in advance.

DE W5KNB
Ken

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

138. [htaprs] Re: Kenwood D700 "phone cable"

From: David Aitcheson - KB3EFS <cdjintl@clark.net>
Date: Tue, 18 Jul 2000 15:04:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-97215-2000.07.18-14.09.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ken,

They are "modular handset connectors" that radio shack may not carry. I
recently got some at http://www.markelectronics.com/ during a visit to
the store; but then it IS in my backyard. Mark Electronics does mail
order if that is acceptable to you.

73,
Dave - KB3EFS

BordingK@aol.com wrote:
>
> Anybody have a Radio Shack or other vendor part number for the four connector
> RJ-11 phone connectors that mate the Control Panel to the main radio unit?
> The plastic connectors are a lot narrower than anything I have on hand.
>
> Thanks in advance.
>
> DE W5KNB
> Ken

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

139. [htaprs] eTrex Summit now supports Compass on NMEA data

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Tue, 18 Jul 2000 14:35:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97217-2000.07.18-14.40.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

See, I told you they could address it in firmware.   I (and several others)
were very critical of the first release of the eMap and Garmin
listened. They addressed just about every critique of the unit that I
had.   I think they should get a big thumbs up for customer support. Heck,
the company I work for doesn't listen as well to its own employees as well
as Garmin appears to listen to its customers.

Mark

At 11:40 AM 7/18/00, Keith Sproul wrote:

>I just received this from Garmin..   This was my complaint about the eTrax
>summit GPS.   They fixed this.. So, now that means I have to go buy an
>eTrax Summit GPS...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

140. [htaprs] Re: Kenwood D700 "phone cable"

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Tue, 18 Jul 2000 14:47:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-97219-2000.07.18-14.52.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have learned a valuable lesson when it comes to RJ style
connectors.   Avoid a company called "WOODS" that packages modular
connectors.   They are pieces of junk. I bought several packages on
closeout and proceeded to make up several phone cables with their
connectors (not testing any of them first) - not one worked
reliably. First I blamed myself, then I blamed my crimper. Then I went to
Graybar and bought a bag of new connectors and those worked perfectly.   I
can't figure out what was wrong with the Woods connectors. They Mic at the
same dimensions as other connectors, the crimper looks like it's smashing
the teeth of the plugs into the wires, but they just plain don't work.

73,

Mark
KC7BXS

At 02:04 PM 7/18/00, David Aitcheson - KB3EFS wrote:

>They are "modular handset connectors" that radio shack may not carry.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

141. [htaprs] Re: Kenwood D700 "phone cable"

From: BordingK@aol.com
Date: Tue, 18 Jul 2000 15:53:48 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97221-2000.07.18-14.58.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I've solved my phone cable problem. I had to buy a Radio Shack coiled handset to telephone desk set cable to find a four conductor cable that had the smaller / narrower plastic pieces.

It didn't work out of the box, since it was rolled with the wires not going straight thru. So I clipped off one narrow connector and replaced it with a regular sized one (for the radio main unit end that accepts the larger RJ-11 connector) and crimped it on so the lines went straight thru.

Seems nothing is easy in life!

DE W5KNB
Ken

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

142. [htaprs] Re: Kenwood D700 "phone cable"

From: David VanHorn <dvanhorn@cedar.net>
Date: Tue, 18 Jul 2000 14:53:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-97222-2000.07.18-15.00.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:47 PM 7/18/00 -0500, Mark Fellhauer wrote:

>I have learned a valuable lesson when it comes to RJ style
>connectors. Avoid a company called "WOODS" that packages modular
>connectors. They are pieces of junk. I bought several packages on
>closeout and proceeded to make up several phone cables with their
>connectors (not testing any of them first) - not one worked
>reliably. First I blamed myself, then I blamed my crimper. Then I went
>to Graybar and bought a bag of new connectors and those worked
>perfectly. I can't figure out what was wrong with the Woods
>connectors. They Mic at the same dimensions as other connectors, the
>crimper looks like it's smashing the teeth of the plugs into the wires,
>but they just plain don't work.

A common fault is the separation fingers that slip between the wires on the jack get too fat, and the wires aren't allowed to fall through and rub against the contacts. Shoddy molding, too much pressure, worn out mold..

--
www.SpamWhack.com A pre-emptive strike against spam
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

My transistor sings
with unintended parasitic
the smoke escapes

By Jeff Stout

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

143. [htaprs] Kenwood Connectors

From: BordingK@aol.com
Date: Tue, 18 Jul 2000 15:58:54 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97225-2000.07.18-15.03.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm going to take the liberty of forwarding you a PDF file just sent me by
Kenwood that pretty much as pin-outs for all their connectors. File is
called: connector.pdf Probably a pretty handy thing to have. It's all the
same stuff available in the manuals, but all in one place.

DE W5KNB
Ken

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

144. [htaprs] Re: Kenwood Connectors

From: BordingK@aol.com
Date: Tue, 18 Jul 2000 16:01:54 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97227-2000.07.18-15.07.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oppps, had Adobe open and the file didn't get sent. My bad.

In a message dated 7/18/00 3:58:54 PM Eastern Daylight Time, BordingK writes:

<< Subj: Kenwood Connectors
 Date: 7/18/00 3:58:54 PM Eastern Daylight Time
 From: BordingK
 To: htaprs@lists.tapr.org

 I'm going to take the liberty of forwarding you a PDF file just sent me by
Kenwood that pretty much as pin-outs for all their connectors. File is
called: connector.pdf Probably a pretty handy thing to have. It's all the
same stuff available in the manuals, but all in one place.

 DE W5KNB
 Ken >>
[Attachment: Connector.pdf; application/pdf; 290,234 bytes]

145. [htaprs] Re: Kenwood Connectors

From: Don Nelsch <dnelsch@neo.rr.com>
Date: Tue, 18 Jul 2000 16:20:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-97228-2000.07.18-15.25.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's a great help! By any luck do you have a similar file for Icom? (Of
course, they are NOT the same!)

Thanks

73 de Don, K8EIW

BordingK@aol.com wrote:

> Oppps, had Adobe open and the file didn't get sent. My bad.
>
> In a message dated 7/18/00 3:58:54 PM Eastern Daylight Time, BordingK writes:
>
> << Subj: Kenwood Connectors
> Date: 7/18/00 3:58:54 PM Eastern Daylight Time
> From: BordingK
> To: htaprs@lists.tapr.org
>
> I'm going to take the liberty of forwarding you a PDF file just sent me by
> Kenwood that pretty much as pin-outs for all their connectors. File is
> called: connector.pdf Probably a pretty handy thing to have. It's all the
> same stuff available in the manuals, but all in one place.
>
> DE W5KNB
> Ken >>

>
>   --
>   Name: Connector.pdf
>   Connector.pdf   Type: Acrobat (application/pdf)
>   Encoding: base64

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

146. [htaprs] Re: Kenwood D700 "phone cable"

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Tue, 18 Jul 2000 17:10:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97234-2000.07.18-16.15.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The 4 pin modular RJ-11 headset connectors are available at Home Depot, of
all places!

73 Jeff kb2wqm

----- Original Message -----

> Ken,
>
> They are "modular handset connectors" that radio shack may not carry. I
> recently got some at http://www.markelectronics.com/ during a visit to
> the store; but then it IS in my backyard. Mark Electronics does mail
> order if that is acceptable to you.
>
> 73,
> Dave - KB3EFS
>
> BordingK@aol.com wrote:
> >
> > Anybody have a Radio Shack or other vendor part number for the four
connector
> > RJ-11 phone connectors that mate the Control Panel to the main radio
unit?
> > The plastic connectors are a lot narrower than anything I have on hand.
> >
> > Thanks in advance.
> >
> > DE W5KNB
> > Ken
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

147. [htaprs] 19th Annual ARRL and TAPR Digital Communications Conference

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Tue, 18 Jul 2000 21:20:43 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97263-2000.07.18-20.25.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Press Release: July 6th, 2000

19th Annual ARRL and TAPR Digital Communications Conference

2000 ARRL and TAPR Digital Communications Conference
September 22-24, 2000
Orlando, Florida

It is that time again! Time to start making your travel plans and thinking
about what to publish for the upcoming 19th Annual ARRL and TAPR Digital
Communications Conference.

The ARRL and TAPR Digital Communications Conference is an international
forum for radio amateurs in digital communications, networking, and related

technologies to meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. The Digital Communications Conference is not just for the digital expert, but for digitally-oriented amateurs of all levels of experience.

The 2000 ARRL and TAPR Digital Communications Conference will be held September 22-24, 2000 in Orlando, Florida. This year's conference location is just minutes away from the Orlando International Airport (MCO).

Not only is the Digital Communications Conference technically stimulating, it is a weekend of fun for all who have more than a casual interest in any of the ham digital communications modes. This includes networkers, sysops, software writers, modem designers, and digital satellite communications enthusiasts. The ARRL and TAPR Digital Communications Conference is for all levels of digital operators -- a must conference to attend to get active on a national level. Now, more than ever, amateur radio needs this great meeting of the minds, since it is important that we demonstrate a continued need for the frequency allocations we now have by pushing forward and documenting our achievements. The ARRL and TAPR Digital Communications Conference is one of the few ways to record our accomplishments and challenge each other to do more.

Area Attractions

The Orlando Florida area is famous for its attractions and vacation spots. Disney World, Universal Studios, and Sea World (just to name a few) are within 15 minutes of the hotel. Shuttle service from the hotel will be available for a small fee. Cape Canaveral and Cocoa Beach are a 30 minute drive East of the hotel.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

148. [htaprs] Packet POLICE software

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 18 Jul 2000 22:04:39 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97277-2000.07.18-21.10.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We need one of our code-writer-wannabee's to write a PACKET POLICE program that looks for common "errors" and sends out a "alert" message to the person generating such an error. Here is an example.

A person sets UIDIGI in his MOBILE to WIDE for a one-time demo and forgets about it. FOr the next month or year, his station DOUBLES all traffic on the local channel by digipeating every packet heard.

The algorithm here is simple:

If a packet is DIGIPEATED by a D700, then
   1) Compare to other copies of the same packet. If the SAME
      digi field containing the D700* callsign is a WIDE in another
      copy, then that D700 is acting as a WIDE digi.
   2) Send a message to him such as:

      Ur D700 may have UIDIGI set to WIDE. Pse check for QRM

   3) Count these packets over a period of 30 Mins.

   4) Every 30 mins sned a msg liek this:

      We count NNN packets digied by ur D700 in 30 mins. Pse CHECK.

I can think of lots of other packet police ideas... <GRIN>
THis is NOT meant to be punitive, but a "helpful" reminder in case someone makes an unintentional mistake in set up that QRMSs the channel..

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

149. [htaprs] RE: TM-D700A help

From: "John Shinall" <k4yk@arrl.net>
Date: Tue, 18 Jul 2000 21:14:58
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97278-2000.07.18-21.19.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill,

The reset button did the trick. I reloaded the data and voila!

Tnx es 73,

John, K4YK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

150. [htaprs] Re: TM-D700A help

From: "John Shinall" <k4yk@arrl.net>
Date: Tue, 18 Jul 2000 21:18:8
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97281-2000.07.18-21.23.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for "splaining" it to me, Bob. One of these days I'll get around to
sending the D7 in for the upgrade.

73,

John, K4YK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

151. [htaprs] RE: Packet POLICE software

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 18 Jul 2000 22:35:24 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97283-2000.07.18-21.41.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

well we have always said we were a 'self-policing' service ... why not
this?

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<n1bq@amsat.org>

> -----Original Message-----
> From: bounce-htaprs-8539@lists.tapr.org
> [mailto:bounce-htaprs-8539@lists.tapr.org]On Behalf Of Bob Bruninga
> Sent: Tuesday, July 18, 2000 10:05 PM
>
> We need one of our code-writer-wannabee's to write a PACKET
> POLICE program
> that looks for common "errors" and sends out a "alert" message to the
> person generating such an error. Here is an example.
>
> A person sets UIDIGI in his MOBILE to WIDE for a one-time
> demo and forgets about it. FOr the next month or year, his station
> DOUBLES all traffic on the local channel by digipeating every packet
> heard.
>
> The algorithm here is simple:
>
> If a packet is DIGIPEATED by a D700, then
>   1) Compare to other copies of the same packet. If the SAME
>   digi field containing the D700* callsign is a WIDE in another
>   copy, then that D700 is acting as a WIDE digi.

>   2) Send a message to him such as:
>
>   Ur D700 may have UIDIGI set to WIDE. Pse check for QRM
>
>   3) Count these packets over a period of 30 Mins.
>
>   4) Every 30 mins sned a msg liek this:
>
>   We count NNN packets digied by ur D700 in 30 mins. Pse CHECK.
>
> I can think of lots of other packet police ideas... <GRIN>
> THis is NOT meant to be punitive, but a "helpful" reminder in
> case someone makes an unintentional mistake in set up that QRMSs
> the channel..

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

152. [htaprs] Garmin eMap feature wanted

From: Russ and Joyce Brown <brownrj@home.com>
Date: Tue, 18 Jul 2000 20:29:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97294-2000.07.18-22.37.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

First I would like to thank Garmin for including the WPL sentence in
their latest software version for the eMap. Now the unit is almost
perfect.

It would be perfect if the next version allowed customization of the
Trip Distance feature on the Map Page. I would like to see a STRAIGHT
LINE DISTANCE option offered.

Thank you Garmin!

Russ Brown, KB6LUD
(Hey, it worked for Keith Sproul)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

153. [htaprs] Packet POLICE software

From: "Darryl Smith" <darryl@radio-active.net.au>
Date: Wed, 19 Jul 2000 19:09:33 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97350-2000.07.19-04.06.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob, and others....

Not that I do not have enough other projects, but I have about 1/2 of this
written anyway for another purpose, in perl. I am prepared to donate the
code I have, or work on it myself if needed....

Good idea... Also something else to look for is WX stations that send
temperature at 4500 degrees...

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

154. [htaprs] WPL-Download to eMap

From: "K.Hirschelmann" <k.hirschelmann@mainz.netsurf.de>
Date: Wed, 19 Jul 2000 12:05:04 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97353-2000.07.19-05.15.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,
as i saw, with the new software V2.51 WPL-Sentences can be downloaded
towards Garmin's eMap.
Does this mean, like with the GPS III+, now it is possible to have
moving waypoint-marks (maybe being send from the TH-D7) visible on
Map-Screen ?

I personally would like to have such a feature also with Germin's
Streetfinder.

73 de Klaus DJ7OO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

155. [htaprs] APRS Symposium at DCC

From: Steve Dimse <sdimse@earthlink.net>
Date: Wed, 19 Jul 2000 10:26:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97377-2000.07.19-09.32.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Anyone (including the usual suspects, I will not chase you down
>this year) that will be there and wishes to present should notify
>me within the next week, including the topics you wish to present
>and the amount of time you would like.

So far, with half the week gone, I have gotten requests from only these
people:

The Sproul Brothers
John Hansen
Tom Schaefer
John Blowsky
Darryl Smith

If you are going to be at the DCC and wish to talk at the APRS symposium,
you must let me know in the next few days. Please include the topic and
the length of time you would like.

APRS AUTHORS TAKE NOTE
I am not chasing people down, if I don't hear from you by Sunday I will
presume you do not wish to present. There are simply too many authors now
for me to do this individually...

Everyone else take note
I'd love to see more of you presenting!

Thanks,

Steve K4HG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

156. [htaprs] thd7 G and winaprs 2.6

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 19 Jul 2000 16:50:20 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97469-2000.07.19-18.52.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

when i send my position on my th d 7 g   it will not show the icon or my
call sign on the map.   any ideas?

i get the data stream in stations lists ok.

my main radio the tm d 700   shows up as kd8s-7   my handheld is   kd8s-1

73
find me on a map!   go to   http://maps.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

157. [htaprs] ARRL DCC & Kenwood D-700 APRS Speech Contest

From: Keith Sproul <ksproul@td.rutgers.edu>
Date: Wed, 19 Jul 2000 19:53:30 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: propnet@greeceny.com, htaprs@lists.tapr.org, aprs@qth.net
Message-ID: <LYR845-97471-2000.07.19-18.58.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
======================================================================
====        Kenwood D700 APRS(tm) Speech Message Contest       ====
======================================================================

The Kenwood TM-D700 Radio has the ability to have a speech synthesizer
added to it.  If you add this option, you can make the D700 'SPEAK' or
actually 'SPELL' APRS messages.

When you send a message to a D700 with the VS-3 Speech chip, it will SPELL
the call sign of the station that sent the message.

In addition to this, if you put a percent sign '%' as the FIRST character
of a message, it will SPELL the letters and numbers of the message.

For example, if I send the following  message from WU2Z to WB4APR,

        %ICU2

Bob will hear:

        DOUBLE-YOU YOU TWO ZED  I SEE YOU TOO


We are announcing a contest to see what kind of messages people can come
up with for using this neat feature of the Kenwood TM-D700 radio and the
VS-3.

======================================================================
Rules for the contest:

* There will be three categories:

        The LONGEST message that makes sense.

        The MOST TECHNICAL message.

        The most original or funniest message.

* The winners will be announced at the ARRL Digital Communications
Conference in Orlando, FL, September 2000.

* Each winner will receive a $50 gift certificate from Kenwood Radio.

* APRS Authors and Kenwood employees are not eligible.

* The judges will be the APRS Authors and Kenwood personnel that are
present at the September 2000, ARRL DCC in Orlando, FL.

* All decisions of the judges will be final.

* All entries must be sent by email ksproul@noc.rutgers.edu by September
1st, or delivered in person at the DCC.

* PLEASE put D700 CONTEST as the subject of the email!!!

* You must have a valid Amateur Radio License to enter.
```

* You do NOT need to own a Kenwood D700 or VS-3 to enter.

* You do NOT need to be a registered user of any version of APRS to enter.

* You do NOT need to be present at the ARRL DCC to win.

* In case of a tie, i.e. exact or very similar duplicate message the
earliest received entry will win.

* In case of other ties, the judges opinions will determine the winner.

* All entries can be used by Kenwood and/or the APRS authors for demo
and/or advertising purposes. All entries will be posted on the Web after
the contest, with your call sign to give you credit.

* Entries that imply profanity or inappropriate content will be ignored.

==========

The documentation for the Speech functions of the D700 are at:

        http://aprs.rutgers.edu/D700Voice.html

There is also a copy of it at:

        http://dorm.rutgers.edu/~ksproul/D700Voice.html

(If one is down, try the other, I will keep them both updated)

If you have questions about this contest, or how the Voice option works,
please send email to me at: ksproul@noc.rutgers.edu

As questions come in, I will update the documentation if needed.

You may distribute this announcement to other places, but you must leave
it exactly as is.

--
Keith Sproul   Ham Radio: WU2Z
WinAPRS/MacAPRS/X-APRS Author
http://dorm.rutgers.edu/~ksproul/   mailto://ksproul@noc.rutgers.edu

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

158. [htaprs] RE: ARRL DCC & Kenwood D-700 APRS Speech Contest

From: Mark Phillips <Mark.Phillips@royalblue.com>
Date: Thu, 20 Jul 2000 05:11:58 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'htaprs@lists.tapr.org '" <htaprs@lists.tapr.org>,
        "'aprs@qth.net '"
 <aprs@qth.net>
Message-ID: <LYR845-97568-2000.07.20-04.16.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Would someone please give us a URL for this VS-3 device. I think that it
could have other applications in thes vain.

Thanks de Mark Phillips, G7LTT

When you send a message to a D700 with the VS-3 Speech chip, it will
SPELL
the call sign of the station that sent the message.

****
This email and any files transmitted with it are confidential and

intended solely for the use of the individual or entity to whom they
are addressed. If you have received this email in error please notify
the system manager.

This footnote also confirms that this email message has been swept by
MIMEsweeper for the presence of computer viruses.

www.mimesweeper.com
****

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

159. [htaprs] RE: ARRL DCC & Kenwood D-700 APRS Speech Contest

From: Bob Snyder <rsnyder@toontown.erial.nj.us>
Date: Thu, 20 Jul 2000 09:01:58 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
"'aprs@qth.net '" <aprs@qth.net>
Message-ID: <LYR845-97605-2000.07.20-08.07.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's a chip that fits inside the D700, so I suspect uses other than with
the radio would be limited. Best docs I've seen on it are in the manuals
for the D700. The APRS functions that can use the speach chip are
documented in the "Specialized Communications" manual. Both are available
from http://www.kenwood.net/

Bob N2KGO
--
Robert Snyder rsnyder@toontown.erial.nj.us
ICQ #20900813

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

160. [htaprs] RE: ARRL DCC & Kenwood D-700 APRS Speech Contest

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Thu, 20 Jul 2000 18:46:25 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97680-2000.07.20-17.56.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Through all of this, I still have not heard my VS-3 saya word other than
menu numbers, frequency and power when you hit the VFO button, etc. Not a
peep when it is supposed to bark out calls. I set the D700 for English as
well as APRS only. Not a word. Maybe I need to sweet-talk the little lady
inside, or drive slower or something...

Todd Ellis, N2XL
Raleigh, NC

----- Original Message -----
From: Bob Snyder <rsnyder@toontown.erial.nj.us>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>; <aprs@qth.net>
Sent: Thursday, July 20, 2000 9:01 AM
Subject: [htaprs] RE: ARRL DCC & Kenwood D-700 APRS Speech Contest

> It's a chip that fits inside the D700, so I suspect uses other than with
> the radio would be limited. Best docs I've seen on it are in the manuals
> for the D700. The APRS functions that can use the speach chip are
> documented in the "Specialized Communications" manual. Both are available
> from http://www.kenwood.net/
>
> Bob N2KGO
> --
> Robert Snyder rsnyder@toontown.erial.nj.us
> ICQ #20900813
>
>
>

> ---
> You are currently subscribed to htaprs as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

161. [htaprs] Emergency Email Network

From: BordingK@aol.com
Date: Thu, 20 Jul 2000 20:20:28 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97683-2000.07.20-19.25.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry if this information has been put out before. I don't remember seeing.

If you want email notifications of pending disasters, this is the site for
you. Might be useful if you have one of the new digital cell phones that get
the short email messages.

Anyway to tie this to APRS.

http://www.emergencyemailnetwork.com/

DE W5KNB
Ken

http://www.emergencyemailnetwork.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

162. [htaprs] RE: ARRL DCC & Kenwood D-700 APRS Speech Contest

From: "Mike Edwards" <medwards@atlantic.net>
Date: Thu, 20 Jul 2000 21:16:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97694-2000.07.20-20.21.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Maybe this can shed some light on it. I don't have a D700, but I have the
PDF manual for it.

"Note: When using an optional VS-3 unit, you may select "APRS ONLY"
in Menu 1-2-4 (VOICE). Each time you receive a message addressed
to you, the transceiver announces the call sign of the sender. If the
initial
character of the message is %, the transceiver announces the
subsequent characters one by one."

----- Original Message -----
From: Todd Ellis <tellis6@bellsouth.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, July 20, 2000 6:46 PM
Subject: [htaprs] RE: ARRL DCC & Kenwood D-700 APRS Speech Contest

> Through all of this, I still have not heard my VS-3 saya word other than
> menu numbers, frequency and power when you hit the VFO button, etc. Not a
> peep when it is supposed to bark out calls. I set the D700 for English as
> well as APRS only. Not a word. Maybe I need to sweet-talk the little
lady
> inside, or drive slower or something...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

163. [htaprs] TH-D7A Canadian upgrades to G model.

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Fri, 21 Jul 2000 12:01:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97801-2000.07.21-11.06.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just spoke to Dave at Kenwood Canada and this week they received the
necessary equipment to upgrade the TH-D7A to the G model. The upgrade is
about CDN$85 plus taxes and shipping.

Dave's number is (905) 670-7211 EXT.367
The shipping address is:
        Kenwood Canada
        ATTN: Service
        6070 Kestrel Road
        Mississauga, Ontario
        L5T 1S8

With the rig, send a letter saying that you want the upgrade done on your
radio, your phone number and address. Someone will call you for payment
over the phone with a credit card.

Daniel

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

164. [htaprs] Keps for Astars??

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Fri, 21 Jul 2000 09:55:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97805-2000.07.21-12.01.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have downloaded APRSTK (Astars) to take a look at it.
Does it require updated Keps. How is this done?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

165. [htaprs] Fw: [TMD700A] APRS and the VS-3

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Fri, 21 Jul 2000 13:31:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97813-2000.07.21-12.37.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Todd Ellis" <ellistr@booth-assoc.com>
To: <TMD700A@egroups.com>
Sent: Friday, July 21, 2000 1:19 PM
Subject: Re: [TMD700A] APRS and the VS-3

> Nope, tried that.
>
> On another note, I called Kenwood this morning and spoke with a Clifford
> fellow who was very helpful. He suggested that I reset the
microprocessor,
> and re-program the EEPROM using the PC software package. No one else has
> reported the problem. I mentioned that I had a low serial number (bought
it
> in January), and he said that there haven't been any rev changes at this
> time. I'll let you all know how that works...when I can find time to grab
> one of my laptops and run it. Off to Anchorage in a few hours for a few
> days. Oh, for a D7G for the weekend...
>
> Todd Ellis, N2XL
> Raleigh, NC
>
> ----- Original Message -----
> From: "Stewart Lewis" <lewis@ll.net>

> To: <TMD700A@egroups.com>
> Sent: Friday, July 21, 2000 1:04 PM
> Subject: Re: [TMD700A] APRS and the VS-3
>
>
> > Try turning the Beep on!
> >
> > Stew...W0SHL
> >
> >
> >
> > --
> > Wish you had something rad to add to your email?
> > We do at www.supersig.com.
> > http://click.egroups.com/1/6810/11/_/674382/_/964199013/
> > --
> >
> > Community email addresses:
> >   Post message: TMD700A@onelist.com
> >   Subscribe: TMD700A-subscribe@onelist.com
> >   Unsubscribe: TMD700A-unsubscribe@onelist.com
> >   List owner: TMD700A-owner@onelist.com
> >
> > Shortcut URL to this page:
> >   http://www.onelist.com/community/TMD700A
> >
> >
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

166. [htaprs] Re: [TMD700A] APRS and the VS-3

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Fri, 21 Jul 2000 13:36:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97814-2000.07.21-12.41.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > <snip>start vent<snip>
> >
> > I KNOW THIS. YOU CAN READ THE MANUAL TOO, JUST LIKE ME. Again, MINE
> > doesn't work this way. I'm trying to find out why. It SHOULD work
> > this way, but it DOESN'T. sheesh! I'm sorry, but this is like the
> > eighth message with exactly the same information that won't help me.
> >
> > <snip>end vent<snip>
>
> Just like I have no idea what you have tried and what responses
> you have received; you also have no idea how many times (over a
> dozen) that people have asked me how the voice stuff works and
> still don't get it. (they expect it to talk for _everything_). I
> understand your venting need because I just happened to be the
> latest person to reply to your cry for help.
>
> Beyond calling kenwood (which it sounds like you should),

I did!

> does the voice work at all?

Yes.

Have you tried a different voice module (if
> available)?

Nope. I would have tried this except that the doggone thing works in other
ways, therefore my conclusion is that the module is working.

Have you tried putting your voice module in another
> D700?

Nope, not too many out yet. There are about a dozen of them here in
Raleigh.

Have you tried setting it to always use voice?

Yep, no workie-workie.

Have you
> checked the connector for the chip? (I'll assume you got it in the
> right way, cuz I don't think it fits the wrong way), etc.

Yep, no problem there - also , remeber the voice synth DOES work...
>
> Other than that, it's up to kenwood (or someone else on the list).
>
yepperdo. Check my other relay from D700@egroups for more info. Thanks for
the support though!!

Todd Ellis, N2XL
Raleigh, NC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

167. [htaprs] Re: Keps for Astars??

From: na4v@hom.net
Date: Fri, 21 Jul 2000 13:35:50 %z (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-97815-2000.07.21-12.42.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With the APRSTK program running, type "I" (for input) and then "K" (for keps). Following screen prompts for what type of file (AMSAT/NASA) and then tell where the keps file is located (if the keps file would be sitting on a floppy in the A drive)---   a:keps.txt for example....the the screen prompt will ask you if you want to update the leo.orb file and you will type "Y"...and your updated....
Mark, NA4V
You wrote:

> From: Glenn Cummings <kg7il@foxinternet.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Date: Fri, 21 Jul 2000 09:55:52 -0700
> Subject: [htaprs] Keps for Astars??
>
>
> I have downloaded APRSTK (Astars) to take a look at it.
> Does it require updated Keps. How is this done?
>
>
>
> ---
> You are currently subscribed to htaprs as: na4v@hom.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

168. [htaprs] Re: Thanks for Keps for Astars

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Fri, 21 Jul 2000 14:58:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97841-2000.07.21-17.05.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to everyone, I found them and have imported them.....

Glenn, KG7IL in Renton, Washington

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

169. [htaprs] thd7

From: "Tom Hoedjes" <al0l@arrl.net>
Date: Sat, 22 Jul 2000 13:48:44
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97921-2000.07.22-13.53.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there,

Trying my thd7 on regular packet I get
cmd:?too long

This message comes just after the tnc starts and the intro message comes.
It repeats all the time, makes it impossible to enter any commands.

Several resets dont make difference.

APRS is working OK

Hooking up with the Kenwood manager doesnt work, only gives errors
communication failure.

Somebody knows what is happening here??

73 de Tom
AL0L HB9DOD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

170. [htaprs] Re: thd7 ..command too long

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sat, 22 Jul 2000 18:22:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97936-2000.07.22-20.29.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You didn't say what packet or APRS program you are using.
I would check my tnc.ini file(s) to see if they have the CR/LF at the end of
each line.
I would double check any setup textbox to see if any string is longer than
you intended.

Can't suggest anything else right now

Glenn, KG7IL in Renton, Wa

Tom Hoedjes wrote:

> Hi there,
>
> Trying my thd7 on regular packet I get
> cmd:?too long
> ....73 de Tom   AL0L HB9DOD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

171. [htaprs] Re: +AFs-htaprs+AF0- thd7 G and winaprs 2.6

From: "hasan schiers" <schiers@netins.net>
Date: Sat, 22 Jul 2000 20:29:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97940-2000.07.22-20.50.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check for a tnc parameter MFILTER...it should be set to OFF, depending on
your tnc. I had exactly the same problem with my AEA DSP-2232 and found it
set to $80...caused the icons from the D7a(g) to not show up as anything but
red dots. 73

hasan schiers
schiers@netins.net
N0AN

----- Original Message -----
From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, July 19, 2000 6:50 PM
Subject: [htaprs] thd7 G and winaprs 2.6

> when i send my position on my th d 7 g   it will not show the icon or my
> call sign on the map.   any ideas?
>
>
> i get the data stream in stations lists ok.
>
>
>
> my main radio the tm d 700   shows up as kd8s-7   my handheld is
kd8s-1
>
>
> 73
> find me on a map!   go to   http://maps.findu.com/kd8s-7   works
only
> if i am sending my position out   and in satellite range
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-3750M@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

172. [htaprs] Tripmate(s) wanted...

From: "Jim Fonte, K9FI" <fonte@csinet.net>
Date: Sun, 23 Jul 2000 0:55:52
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-97970-2000.07.23-01.01.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If anyone on the list has a Tripmate (preferably in unmodified condition)
or more than one to sell, please send an email directly (with price +
shipping costs)

fonte@csinet.net

I'm looking for only properly working unit(s) --- no (xtra) cables or
mapping software is needed.

THANKS for the b/w...73!

Jim Fonte, K9FI
108 North Flynn Road - US421
Westville, IN 46391
219.785.4587

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

173. [htaprs] NEVADA CALIFORNIA DIGI DOWN?

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 23 Jul 2000 08:47:09 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98002-2000.07.23-10.49.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

NOT GETTING ANYTHING   out of california here in las vegas today..is the
potisi digi down?

n7zev 2   on   apex mountain by nellis air force base is working

73
find me on a map! go to http://maps.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

174. [htaprs] TM-D700 Questions

From: "iwottopq" <iwottopq@tin.it>
Date: Sun, 23 Jul 2000 22:23:56 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98034-2000.07.23-15.10.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Friends,
I am an italian OM and I have a question on my new Kenwood TM-D700E.-
The question in:-
When I set (in packet) the baud rate at 9600 on the display is ever 1200 and not change to new value.-
Were is the error.-
Another question is:- There is a version of APRS software to use it on a portable 386SX under DOS?.-
Thanks in advance.-
'73 and good luck de IW8PQ - Nino

175. [htaprs] KPC3+ Cable Help

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 23 Jul 2000 19:29:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98112-2000.07.23-21.35.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am building a new cable for my mobile APRS tracker. This cable is to be
used with my Alinco DR140 radio, my Kantronics KPC3+ TNC and my Garmin III+
GPS. It also has an power connector that will power the radio, TNC and GPS.

The problem I have is that as soon as I connect the Input signal pin from
the GPS to the TNC (Pin 3 of the DB9) the radio goes into continuos
transmit. That is even before the GPS is powered up; it is connected but
OFF. This connection also goes to Pin 4 of the Mic Plug on the DR 140.

I have previously made a similar cable (which was stolen) but this cable did
not have the Data In Pin of the GPS connected to anything. Now since the
TH-D7A is able to upload the received stations to my Garmin III+, I am
trying to see if I can achieve this same feature using my DR140 with a
KPC3+.

Has anyone succeeded in doing this feat? If so, please let me know what I
am doing wrong. I am still continuing to read my manuals and see if this is
even possible or not but figure that maybe someone out there has already
determined how to do this.

Any help would be appreciated.

Thanks,

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

176. [htaprs] Re: KPC3+ Cable Help

From: rbost@itexas.net (Roy Bost)
Date: Sun, 23 Jul 2000 22:14:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98131-2000.07.23-22.19.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I seem to remember that the second serial port on the KPC-3+ is data in
only! ...my be wrong..so check the manual.

Roy Bost N5TAM
rbost@itexas.net

----- Original Message -----
From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, July 23, 2000 9:29 PM
Subject: [htaprs] KPC3+ Cable Help

> I am building a new cable for my mobile APRS tracker. This cable is to be
> used with my Alinco DR140 radio, my Kantronics KPC3+ TNC and my Garmin
III+
> GPS. It also has an power connector that will power the radio, TNC and
GPS.
>
> The problem I have is that as soon as I connect the Input signal pin from
> the GPS to the TNC (Pin 3 of the DB9) the radio goes into continuos
> transmit. That is even before the GPS is powered up; it is connected but
> OFF. This connection also goes to Pin 4 of the Mic Plug on the DR 140.
>
> I have previously made a similar cable (which was stolen) but this cable
did
> not have the Data In Pin of the GPS connected to anything. Now since the
> TH-D7A is able to upload the received stations to my Garmin III+, I am
> trying to see if I can achieve this same feature using my DR140 with a
> KPC3+.
>
> Has anyone succeeded in doing this feat? If so, please let me know what I
> am doing wrong. I am still continuing to read my manuals and see if this
is
> even possible or not but figure that maybe someone out there has already
> determined how to do this.
>
> Any help would be appreciated.
>
> Thanks,
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
> My Home Page: http://www.hctc.com/~gerhardt/
>
>
> ---
> You are currently subscribed to htaprs as: rbost@itexas.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

177. [htaprs] Re: KPC3+ Cable Help

From: rbost@itexas.net (Roy Bost)
Date: Sun, 23 Jul 2000 22:15:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98132-2000.07.23-22.20.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I may be wrong here, but I seem to remember that the second serial port on
the KPC-3+ is data in only.

----- Original Message -----
From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, July 23, 2000 9:29 PM
Subject: [htaprs] KPC3+ Cable Help

> I am building a new cable for my mobile APRS tracker. This cable is to be
> used with my Alinco DR140 radio, my Kantronics KPC3+ TNC and my Garmin

III+
> GPS. It also has an power connector that will power the radio, TNC and
GPS.
>
> The problem I have is that as soon as I connect the Input signal pin from
> the GPS to the TNC (Pin 3 of the DB9) the radio goes into continuos
> transmit. That is even before the GPS is powered up; it is connected but
> OFF. This connection also goes to Pin 4 of the Mic Plug on the DR 140.
>
> I have previously made a similar cable (which was stolen) but this cable
did
> not have the Data In Pin of the GPS connected to anything. Now since the
> TH-D7A is able to upload the received stations to my Garmin III+, I am
> trying to see if I can achieve this same feature using my DR140 with a
> KPC3+.
>
> Has anyone succeeded in doing this feat? If so, please let me know what I
> am doing wrong. I am still continuing to read my manuals and see if this
is
> even possible or not but figure that maybe someone out there has already
> determined how to do this.
>
> Any help would be appreciated.
>
> Thanks,
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
> My Home Page: http://www.hctc.com/~gerhardt/
>
>
> ---
> You are currently subscribed to htaprs as: rbost@itexas.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

178. [htaprs] Re: KPC3+ Cable Help

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 24 Jul 2000 11:08:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98247-2000.07.24-12.15.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Herb Gerhardt, KB7UVC" <gerhardt@hctc.com> wrote:

>I am building a new cable for my mobile APRS tracker. This cable is to be
>used with my Alinco DR140 radio, my Kantronics KPC3+ TNC and my Garmin III+
>GPS. It also has an power connector that will power the radio, TNC and GPS.
>
>The problem I have is that as soon as I connect the Input signal pin from
>the GPS

Just so I get a clear idea: From your wording below I take it that you are
referring to the "data input to your GPS". The major problem with the word
"input" of course is the relative nature of it. I just want to be sure you're
not talking about the NMEA data that the GPS generates that can be connected
to the *TNC* input on pin #2 of the KPC-3+ DB9 connector, the one you need to
set up in SW using GPSPORT. That port has an input only, no output from the
TNC is possible on any pin.

> to the TNC (Pin 3 of the DB9) the radio goes into continuos
>transmit. That is even before the GPS is powered up; it is connected but
>OFF. This connection also goes to Pin 4 of the Mic Plug on the DR 140.

The problem here is that you are connecting a GPS wire to the PTT line. If
the radio's PTT is correctly wired to this pin, then the mere presence of the
GPS on this line seems to be engaging the radio's PTT. RS232 inputs (that of
your GPS in this case) are grounded loads. Apparently the impedance is low
enough to be pulling the radio's PTT close enough to ground to engage the
transmitter.

Try as I might, I can't find a diagram for connecting the Alinco DR140 to the KPC-3+ in Buck K4ABT's web pages. Go here http://www.packetradio.com/0imgs/al605kp3.jpg for the pinouts of the KPC-3+ and the *mostly* similar Alinco modular connector of the Alinco 605. Go here http://www.packetradio.com/trad/a140rj45.gif for the definitive poop on the DR140. The difference between the 140 and the 605 connections is that on the 140 you get the receive audio from the modular connector, not the speaker port. Take a look especially at pin 3 of the KPC's DB9.

>I have previously made a similar cable (which was stolen) but this cable did
>not have the Data In Pin of the GPS connected to anything. Now since the
>TH-D7A is able to upload the received stations to my Garmin III+, I am
>trying to see if I can achieve this same feature using my DR140 with a
>KPC3+.

Instead of using the SW GPS input-only port of the KPC-3+ you could instead use the computer port for a full 2-way RS232 connection.

However you're still doomed in that you don't have anything in the tracker system that's generating any $GPWPL sentences that the GPS uses to accept new waypoint definitions. The KPC-3+ doesn't create them as far as I can tell. The only GPS-specific outputs I've seen described in the KPC-3+ documentation (look at your addendum flyer, not the bound manual) is that DGPS data can be routed to the DB25 via the MYDGPS command (note of course that this requires the presence of heard DGPS packets on the APRS channel). FWIW, GPS input via the DB25 connector requires the use of INTFACE GPS. You might have been reading this list or the main TAPR APRS Sig when we hashed through the command to get out of GPS mode, three control-C's in quick succession followed by patient waiting (don't hit RETURN).

>Has anyone succeeded in doing this feat? If so, please let me know what I
>am doing wrong.

Expecting results from nonexistent firmware functions, I'm afraid. :-(

>I am still continuing to read my manuals and see if this is
>even possible or not but figure that maybe someone out there has already
>determined how to do this.
>
>Any help would be appreciated.

Once you fix the wiring error then you'll get back your full performance simple tracker. Unless you also have a laptop or Palm computer running the appropriate flavor of mapping APRS SW, I don't see anything in your equipment collection besides your D7 that can generate station icons on a map for you.

73!
Tony KD7TA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

179. [htaprs] Preamp on the D7.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 24 Jul 2000 16:37:04 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-98272-2000.07.24-15.42.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS Satellite wannabees,

   I have slightly misslead myself and you on these lists, when I have touted the 20" vertical whip as giving me great performance on all satelite downlinks when the birds are above 25 degrees or so. Yes, it does, but since I was using a 150 foot run of coax to the office roof, I was using a 0.8 dB NF preamp on the roof to make up for the cable loss. I assumed that a barefoot HT in a mobile with no coax loss would do as well as my test situation...

I could never test this, since my VAN roof is PLASTIC, so I never could get a real test from a mobile. But the few times I tried it with a mag mount in other cars, I was disappointed compared to what I see in the office.

Today, I found the smoking gun. I FORGOT that the D7A is optimized for
the 444 MHz band and not the 430 MHz band! These figures I posted over a
year ago tell the story. The HT is about 3 to 4 dB down at 435 MHZ!

THUS MY USE OF A PREAMP was giving me at least a 3 to 4 dB advantage over
anyone else. ALso, this explains why the few reports I have gotten from a
european using the D7e DID confirm my good results...

The GOOD news is that the D700 is about 2 dB better.   But the serious
mobile Satelite user might still want to consider the few dB advantage of
a good Preamp... This combined with the 20" whip will give the results
that I have been touting...

Sorry. This is all experimental, and so now this is another good data
point in our quest for mobile satellite messaging..

de WB4APR, Bob

 On Wed, 16 Jun 1999, Bob Bruninga wrote:

> Doing this satellite stuff with the THD7, I decided to calibrate my
> Signal Strength indicator. Here is the result, your mileage may vary:
>
>   at 146 MHz   at 444 MHz | at 437 MHz
> SIGNAL   dBm   uv   dBm   uv | dBm   uv
> ---------   ---- ----   ---- ---- | ---- ----
> *   -121 0.2   -120 0.22 | -116 0.35
> ***   -117 0.32   -115 0.4 | -112 0.56
> ****5   -113 0.5   -111 0.63 | -107 1.0
> ****5*7   -110 0.7   -108 0.89 | -104 1.41
> ****5*7*9   -105 1.3   -104 1.41 | -100 2.24
>
> Notice that it is a very good receiver for 2m and 440. I can copy packets
> all the way down to -119 dbM which is quite good. Being optimized for
> the USA 440 band, it does loose about 3 dB in the satellite band.
> The narrower band European models have a different UHF filter, and do
> have the full sensitivity over their narrower 430-439 MHz band.
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

180. [htaprs] D7 offset help needed

From: Skip Allison <sallison@megsinet.net>
Date: Mon, 24 Jul 2000 23:07:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98328-2000.07.24-23.13.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm having trouble programming the repeater offset on my D7. The manual
says F, 5 then use up/dn keys to select. I'm trying to get .6 MHz, but
it goes from .56 to .61. Is there any way to enter .6 MHz from the
keyboard? Or get steps other than .05?

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

181. [htaprs] Re: Important crap

From: "Tom Clarke" <fclarke@erols.com>
Date: Tue, 25 Jul 2000 08:00:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98385-2000.07.25-07.05.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey guys, can we stop quoting the entire message when we vent our wrath
against the abuse??
Yours for bandwidth conservation!

73 de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

182. [htaprs] Re: Preamp on the D7.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 25 Jul 2000 09:40:03 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org,
        TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>
Message-ID: <LYR845-98397-2000.07.25-08.45.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 24 Jul 2000, Don Nelsch wrote:

> Just out of curiousity, how do you keep from blasting the preamp with RF from
> your HT in the office?

Very carefully. I have the D7 connected to APRStk which automatically
tunes all downlinks set to EL transmit power. But of course, I have
forgotten several times and it has transmitted at 5 watts several times
into the Preamp (through 150 feet of coax (6 dB) so probably less than a
watt has hit the preamp. So far, the preamp has survived just fine...

Another way is to simply place back-to-back diodes across the output of
the preamp and let them short out any transmit energy. But being lazy, I
probably wont get around to that until I smoke this one.

Or place a diplexer at the roof. Only UHF goes to the preamp, so any 2m
transmit energy gets split out to a 2m whip. But if you transmit on UHF,
then you still hit the preamp pretty hard.

My preamp is an ARR GasFet preamp without any special protectiojn..

No good answers here..

Bob

 > Bob Bruninga wrote:
>
> > APRS Satellite wannabees,
> >
> >   I have slightly misslead myself and you on these lists, when I have
> > touted the 20" vertical whip as giving me great performance on all
> > satelite downlinks when the birds are above 25 degrees or so. Yes, it
> > does, but since I was using a 150 foot run of coax to the office roof, I
> > was using a 0.8 dB NF preamp on the roof to make up for the cable loss. I
> > assumed that a barefoot HT in a mobile with no coax loss would do as well
> > as my test situation...
> >
> > I could never test this, since my VAN roof is PLASTIC, so I never could
> > get a real test from a mobile. But the few times I tried it with a mag
> > mount in other cars, I was disappointed compared to what I see in the
> > office.
> >
> > Today, I found the smoking gun. I FORGOT that the D7A is optimized for
> > the 444 MHz band and not the 430 MHz band! These figures I posted over a
> > year ago tell the story. The HT is about 3 to 4 dB down at 435 MHZ!
> >

> > THUS MY USE OF A PREAMP was giving me at least a 3 to 4 dB advantage over
> > anyone else. ALso, this explains why the few reports I have gotten from a
> > european using the D7e DID confirm my good results...
> >
> > The GOOD news is that the D700 is about 2 dB better.   But the serious
> > mobile Satelite user might still want to consider the few dB advantage of
> > a good Preamp... This combined with the 20" whip will give the results
> > that I have been touting...
> >
> > Sorry. This is all experimental, and so now this is another good data
> > point in our quest for mobile satellite messaging..
> >
> > de WB4APR, Bob
> >
> > On Wed, 16 Jun 1999, Bob Bruninga wrote:
> >
> > > Doing this satellite stuff with the THD7, I decided to calibrate my
> > > Signal Strength indicator. Here is the result, your mileage may vary:
> > >
> > >   at 146 MHz   at 444 MHz | at 437 MHz
> > > SIGNAL   dBm   uv   dBm   uv | dBm   uv
> > > ---------   ---- ----   ---- ---- | ---- ----
> > > *   -121 0.2   -120 0.22 | -116 0.35
> > > ***   -117 0.32   -115 0.4 | -112 0.56
> > > ****5   -113 0.5   -111 0.63 | -107 1.0
> > > ****5*7   -110 0.7   -108 0.89 | -104 1.41
> > > ****5*7*9   -105 1.3   -104 1.41 | -100 2.24
> > >
> > > Notice that it is a very good receiver for 2m and 440. I can copy packets
> > > all the way down to -119 dbM which is quite good. Being optimized for
> > > the USA 440 band, it does loose about 3 dB in the satellite band.
> > > The narrower band European models have a different UHF filter, and do
> > > have the full sensitivity over their narrower 430-439 MHz band.
> > >
> > > de WB4APR, Bob
> > >
> > >
> > >
> > > ---
> > > You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> > > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > >
> > >
> >
> > APRSdos REPLY/COMMENT:
> >
> > Reply mail addr: wb4apr@amsat.org
> > US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> > See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> > See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> > See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
> >
> > ---
> > You are currently subscribed to htaprs as: dnelsch@neo.rr.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

183. [htaprs] Circular antenna (was: Preamp on the D7)

From: "Richard Carter" <rich.carter@windriver.com>
Date: Tue, 25 Jul 2000 11:42:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Satellite Special Interest Group" <aprssat@lists.tapr.org>

Message-ID: <LYR845-98424-2000.07.25-10.47.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm wondering if anyone has ever seen a small circular polarized antenna for the 430mhz band? Would the improved performace of a circular antenna should make this work? I don't see any reason that one couldn't be manageable in size. Ideally, it should be small enough to replace the whip. I have a 2m eggbeater antenna on my roof. It's about 4 feet in diameter, and weighs about 10 lbs. If this was scaled down to 440, it would be about 18". It would have to be lightweight and flexible to avoid damaging the radio. The loops would need to be made out of the same kind of rubber coated wire that is used for handheld whips. I suppose that you could mount the antenna somewhere and connect to the D7 with a cable, but this defeats the portability of the radio.

18" is still a little big for a handheld. My experience with circular antennas is limited. I don't know of any way to scale this down further without losing the polarization.

Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Bob Bruninga
Sent: Monday, July 24, 2000 4:37 PM
To: TAPR Hot Technology APRS
Cc: TAPR APRS Satellite Special Interest Group
Subject: [htaprs] Preamp on the D7.

APRS Satellite wannabees,

I have slightly misslead myself and you on these lists, when I have touted the 20" vertical whip as giving me great performance on all satelite downlinks when the birds are above 25 degrees or so. Yes, it does, but since I was using a 150 foot run of coax to the office roof, I was using a 0.8 dB NF preamp on the roof to make up for the cable loss. I assumed that a barefoot HT in a mobile with no coax loss would do as well as my test situation...

I could never test this, since my VAN roof is PLASTIC, so I never could get a real test from a mobile. But the few times I tried it with a mag mount in other cars, I was disappointed compared to what I see in the office.

Today, I found the smoking gun. I FORGOT that the D7A is optimized for the 444 MHz band and not the 430 MHz band! These figures I posted over a year ago tell the story. The HT is about 3 to 4 dB down at 435 MHZ!

THUS MY USE OF A PREAMP was giving me at least a 3 to 4 dB advantage over anyone else. ALso, this explains why the few reports I have gotten from a european using the D7e DID confirm my good results...

The GOOD news is that the D700 is about 2 dB better. But the serious mobile Satelite user might still want to consider the few dB advantage of a good Preamp... This combined with the 20" whip will give the results that I have been touting...

Sorry. This is all experimental, and so now this is another good data point in our quest for mobile satellite messaging..

de WB4APR, Bob

On Wed, 16 Jun 1999, Bob Bruninga wrote:

> Doing this satellite stuff with the THD7, I decided to calibrate my
> Signal Strength indicator. Here is the result, your mileage may vary:
>
>   at 146 MHz   at 444 MHz | at 437 MHz
> SIGNAL   dBm   uv   dBm   uv | dBm   uv
> ---------   ---- ----   ---- ---- | ---- ----
> *   -121 0.2   -120 0.22 | -116 0.35
> ***   -117 0.32   -115 0.4 | -112 0.56
> ****5   -113 0.5   -111 0.63 | -107 1.0
> ****5*7   -110 0.7   -108 0.89 | -104 1.41
> ****5*7*9   -105 1.3   -104 1.41 | -100 2.24
>

> Notice that it is a very good receiver for 2m and 440. I can copy packets
> all the way down to -119 dbM which is quite good. Being optimized for
> the USA 440 band, it does loose about 3 dB in the satellite band.
> The narrower band European models have a different UHF filter, and do
> have the full sensitivity over their narrower 430-439 MHz band.
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

184. [htaprs] D7A trouble

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Tue, 25 Jul 2000 15:54:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98482-2000.07.25-15.16.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Set-up:
1. D7A (non G)
2. Palm Pilot w/PalmAPRS 1.05
3. Garmin GPS 35-HVS

Trouble:
        After initialization, radio will transmit once (sending position), but will
then not TX anymore (manually or automatically).

Tried:
1. Full reset
2. Different Palm Pilot
3. Different radio on first Palm Pilot and cable
Everything but radio works.
Conclusion:
        Trouble in radio.

Any ideas?

Lee N4TCW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

185. [htaprs] Re: D7A trouble

From: Robert Winingham <kc5ejk@earthlink.net>
Date: Wed, 26 Jul 2000 13:16:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98611-2000.07.26-13.20.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>2. Palm Pilot w/PalmAPRS 1.05
>Any ideas?
>

your 3 revs back ?
get 1.08

May not be the answer but best to stay up to date

73

--

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

186. [htaprs] D7A Question

From: CTLID@aol.com
Date: Wed, 26 Jul 2000 14:50:27 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98617-2000.07.26-13.56.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am having a problem when I connect to a packet BBS then log off, and then
try to connect to another BBS, I have to turn the TNC function off then on
again before it will let me connect. I am sure it is a config problem that I
don't know about. Any ideas?

Randy N1PTB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

187. [htaprs] Strange Characters in the D700A status line.

From: "Jeffrey Brissette" <kd7JNY@link-11.com>
Date: Wed, 26 Jul 2000 20:30:12
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98688-2000.07.26-20.35.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone else had problems with the D700A sending some strange characters
in front of the status comment. I've asked several people if they have seen
my line and said has serveral characters in front of the status comment.

I did a reset on it and I reloaded my settings from one of my backup files.
This did not seem to resolve this issue. Anyone have any thoughts on this?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

188. [htaprs] Re: Strange Characters in the D700A status line.

From: "Mike Edwards" <medwards@atlantic.net>
Date: Wed, 26 Jul 2000 21:45:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98690-2000.07.26-20.50.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are you sure that's not the other half of the compressed posit report?

KE4YGT-7>RXPV9R,RELAY,WIDE*,WIDE:'lB^l >/>Mike/Mobile

Like after the WIDE and before the /Mike/Mobile...

Mike
KE4YGT

----- Original Message -----
From: Jeffrey Brissette <kd7JNY@link-11.com>
Subject: [htaprs] Strange Characters in the D700A status line.

> Has anyone else had problems with the D700A sending some strange
characters
> in front of the status comment. I've asked several people if they have
seen
> my line and said has serveral characters in front of the status comment.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

189. [htaprs] GPS and ARPS

From: "Benny D. Miller Jr." <bmiller@benscoolbikes.com>
Date: Wed, 26 Jul 2000 22:04:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98691-2000.07.26-21.10.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well I'm sure that this has been asked before, but here goes anyway.

  I've been reading some of the comparisons of GPS units from such sites
as:
http://www.gpsnuts.com/
http://joe.mehaffey.com/
to name a couple. Particularly I'm interested in what options one unit
has over the other for explicit use in APRS. I am interested in those units
that can display icons that may be received from the Radio system. a
bidirectional information status or display. Are there those GPS units
that can or can any of them display a received icon?

Ben WB8LGH
Orlando, FL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

190. [htaprs] Re: Strange Characters in the D700A status line.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 26 Jul 2000 22:48:00 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-98692-2000.07.26-21.53.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's the ALTITUDE...

Bob

On Wed, 26 Jul 2000, Jeffrey Brissette wrote:

> Has anyone else had problems with the D700A sending some strange characters
> in front of the status comment. I've asked several people if they have seen
> my line and said has serveral characters in front of the status comment.
>
> I did a reset on it and I reloaded my settings from one of my backup files.
> This did not seem to resolve this issue. Anyone have any thoughts on this?
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

191. [htaprs] Re: Strange Characters in the D700A status line.

From: "Jeffrey Brissette" <kd7JNY@link-11.com>
Date: Wed, 26 Jul 2000 23:0:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98705-2000.07.26-23.06.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's sort of what I was thinking, but I wasn't quite sure. Thanks for the
information.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

192. [htaprs] Re: GPS and ARPS

From: "Walter Dunckel" <walter@radiohound.com>
Date: Wed, 26 Jul 2000 22:01:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98733-2000.07.27-00.06.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There are GPS that can send and receive via the NEMA protocol. The Garmin
GPSIII and GPSIII+ are some that come to mind. New heard stations will pop
up on the GPS as a new waypoint - named by the last 6 characters of the
station ID. Although these units can display many different icons, the NEMA
protocol (as far as I know) does not contain the information about the
waypoint icon. However, if you change the icons manually, the icons will
remain associated with the waypoint untill that waypoint is deleted.

Hope this helps,

Walter
www.radiohound.com

> Particularly I'm interested in what options one unit
> has over the other for explicit use in APRS. I am interested in those
units
> that can display icons that may be received from the Radio system. a
> bidirectional information status or display. Are there those GPS units
> that can or can any of them display a received icon?
>
> Ben WB8LGH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

193. [htaprs] Re: GPS and ARPS

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 27 Jul 2000 00:09:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98734-2000.07.27-00.15.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't forget the latest version of the eMap, with the latest firmware, it
also accepts NMEA in and displays them as waypoints.   I tested it
personally and it works.

Mark
KC7BXS

At 12:01 AM 7/27/00, Walter Dunckel wrote:

>There are GPS that can send and receive via the NEMA protocol. The Garmin
>GPSIII and GPSIII+ are some that come to mind.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

194. [htaprs] Re: GPS and ARPS

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 27 Jul 2000 08:40:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98764-2000.07.27-07.46.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Also the Garmin GPS II+ receives and plots waypoints on a D7/D700 just
as the III and III+

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<n1bq@amsat.org>

> -----Original Message-----
> From: Walter Dunckel
> Sent: Thursday, July 27, 2000 1:02 AM
>
> There are GPS that can send and receive via the NEMA
> protocol. The Garmin GPSIII and GPSIII+ are some that
> come to mind. New heard stations will pop up on the GPS
> as a new waypoint - named by the last 6 characters of the
> station ID. Although these units can display many different
> icons, the NEMA protocol (as far as I know) does not contain
> the information about the waypoint icon. However, if you
> change the icons manually, the icons will remain associated
> with the waypoint untill that waypoint is deleted.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

195. [htaprs] Re: GPS and ARPS

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Thu, 27 Jul 2000 08:17:46 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98792-2000.07.27-10.23.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 27 Jul 2000, Brian B. Riley wrote:

> Also the Garmin GPS II+ receives and plots waypoints on a D7/D700 just
> as the III and III+

What happens when you exceed the maximum number of waypoints that the unit
can store? Do you lose previously stored (and possibly important)
waypoints, or does the GPS receiver not actually store them as they are
received by the TNC?

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

196. [htaprs] Re: GPS and ARPS

From: "Walter Dunckel" <walter@radiohound.com>
Date: Thu, 27 Jul 2000 09:37:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98806-2000.07.27-11.42.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's a good question! I don't think I've made it very close to the 500
waypoints available. The highest I have hit was 200 to 300 waypoints. I do
not leave mine on all the time, but I do live/work in a heavily APRS
populated area. I don't think you will have much trouble with this, unless
you are on a cross country trip or using APRS in an airplane. (A mobile
station is very different than one connected to the internet where you would
expect to see one or two thousand stations all over the united states ....
and beyond).

You can allways delete waypoints by symbol. The APRS waypoints will be
stored as the default waypoint symbol. You can change the icon of the
waypoints that are important to you. Then you can delete all the default
waypoint icons, without deleting the important stations. I find this usefull
so I can be sure that all the stations are recent, and not old remnants of a
week or so ago. I usually mark digipeaters with a "Tower" Icon (kind of
looks like an antenna) since these will probably be fairly permanent.

For a few examples of some screen shots with some of these symbols see:
http://www.radiohound.com/gps.htm

Walter

> What happens when you exceed the maximum number of waypoints that the unit
> can store? Do you lose previously stored (and possibly important)
> waypoints, or does the GPS receiver not actually store them as they are
> received by the TNC?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

197. [htaprs] GPS and ARPS..and APRS

From: "Hufford, Kent - ANG/C4" <Kent.Hufford@ngb.ang.af.mil>
Date: Thu, 27 Jul 2000 13:11:25 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98812-2000.07.27-12.16.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm confused. Are we talking about waypoints on two different pieces of
equipment?

1- The Garmin III+ will take input inTO it of APRS stations and they will
show up on the GARMIN screen as a waypoint. As I understand it, there is a
limit of 500. And I did not know that a GARMIN II could take input of
waypoints, and display them.

2- The APRS program running on a PC or laptop, that shows ICONS, etc.

So, if we are talking about the GPS receiver "storing" waypoints, we are
talking about #1, right?

Kent
KQ4KK
khufford@erols.com
> -----Original Message-----
> From: Walter Dunckel [SMTP:walter@radiohound.com]
> Sent: Thursday, July 27, 2000 12:37 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: GPS and ARPS
>
>
> That's a good question! I don't think I've made it very close to the 500
> waypoints available. The highest I have hit was 200 to 300 waypoints. I do
> not leave mine on all the time, but I do live/work in a heavily APRS
> populated area. I don't think you will have much trouble with this, unless
> you are on a cross country trip or using APRS in an airplane. (A mobile
> station is very different than one connected to the internet where you
> would
> expect to see one or two thousand stations all over the united states ....
> and beyond).
>
> You can allways delete waypoints by symbol. The APRS waypoints will be
> stored as the default waypoint symbol. You can change the icon of the
> waypoints that are important to you. Then you can delete all the default

> waypoint icons, without deleting the important stations. I find this
> usefull
> so I can be sure that all the stations are recent, and not old remnants of
> a
> week or so ago. I usually mark digipeaters with a "Tower" Icon (kind of
> looks like an antenna) since these will probably be fairly permanent.
>
> For a few examples of some screen shots with some of these symbols see:
> http://www.radiohound.com/gps.htm
>
> Walter
>
>
> > What happens when you exceed the maximum number of waypoints that the
> unit
> > can store? Do you lose previously stored (and possibly important)
> > waypoints, or does the GPS receiver not actually store them as they are
> > received by the TNC?
> >
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

198. [htaprs] Re: GPS and APRS

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 27 Jul 2000 13:11:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98813-2000.07.27-12.17.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

when it is full it stops adding them and periodically displays an
annoying warning message. You can use Win/Mac APRS to dump them to a
file, but it seems that they only take 256 waypoints, so you have to
dump long before the Garmin is full. There is also a program (available
from the TAPR FTP site) called Waypoint which I think can take the whole
500.

 73 de brian, n1bq

> -----Original Message-----
> From: bounce-htaprs-8539@lists.tapr.org
> [mailto:bounce-htaprs-8539@lists.tapr.org]On Behalf Of Julian M. Frost
> Sent: Thursday, July 27, 2000 11:18 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: GPS and ARPS
>
>
> On Thu, 27 Jul 2000, Brian B. Riley wrote:
>
> > Also the Garmin GPS II+ receives and plots waypoints on a
> D7/D700 just
> > as the III and III+
>
> What happens when you exceed the maximum number of waypoints
> that the unit
> can store? Do you lose previously stored (and possibly important)
> waypoints, or does the GPS receiver not actually store them
> as they are
> received by the TNC?
>
> Julian
>
>
> ---
> You are currently subscribed to htaprs as: brianbr@macconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
> wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

199. [htaprs] RE: D700 DX-Alert for sat passes.

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Thu, 27 Jul 2000 13:44:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98816-2000.07.27-12.49.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WB4APR Bob said:
>I made two more slight tweaks to APRSdata that will serve out Satellite
>OBJECTS and Schedules to D700 mobiles and D7 HT's in your area.
>It also cleans up how the DX ALERT message looks on the mobile's D700
>screen...

Gentlemen, I have a D700 and have never seen a DX-alert, or
know where to even find one on my D700 menu. I was updating my home
APRS 386PC with new dos code, and came across several messages to
the DX list, stored on my PC. So the messages propogated through the
DIGIs to PGH. Where is this found/activated on D700?

73

Ed N3SDO

P.S. Is "73" used in aprs? Shouldent it be 40.4013N 080.0315W ???
Hi Hi...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

200. [htaprs] Re: GPS and ARPS..and APRS

From: "Walter Dunckel" <walter@radiohound.com>
Date: Thu, 27 Jul 2000 11:04:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98819-2000.07.27-13.08.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry for the confusion.
I was talking about waypoints and icons with GPS (for #1, not #2).

Garmins GPSII+, GPSIII, III+, E-map (and possibly more models) are capable
of sending and receiving NEMA data. This way you will see stations pop up on
your GPS screen as you receive them.

The GPSIII, III+, E-map (and possibly more models) allow you to assign icons
to these waypoints. A screen shot of a GPS which shows a few of these GPS
icons (and base map) is at:

http://www.radiohound.com/gps.htm

Walter

> I'm confused. Are we talking about waypoints on two different pieces of
> equipment?
>
> 1- The Garmin III+ will take input inTO it of APRS stations and they will
> show up on the GARMIN screen as a waypoint. As I understand it, there is a
> limit of 500. And I did not know that a GARMIN II could take input of
> waypoints, and display them.
>
> 2- The APRS program running on a PC or laptop, that shows ICONS, etc.
>
>
> So, if we are talking about the GPS receiver "storing" waypoints, we are
> talking about #1, right?
>
> Kent
> KQ4KK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

201. [htaprs] D7 DC-in Jack

From: "Dobbs, Mike" <mdobbs@amgen.com>
Date: Thu, 27 Jul 2000 11:20:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98825-2000.07.27-13.26.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I currently power my D7 while mobile with a home made cigarette lighter
power cable (voltage controlled & fused) with a non-metric jack that sort of
fits. But, it's a little long and doesn't seem to stay all the way in quite
right. I frequently have to push it in a little more to ensure a good power
feed.

I can't seem to find the size of the D7's DC power in jack listed in the
manual anyplace. Does anyone know the proper inner/outer diameter's and
length? I've also had trouble finding any right angle type jacks which are
better suited for my intended application...anyone know a source?

Cheers!

Mike Dobbs KG6BCP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

202. [htaprs] RE: D700 DX-Alert for sat passes.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 27 Jul 2000 15:48:23 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-98831-2000.07.27-14.54.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 27 Jul 2000, Bathgate, Ed wrote:

>
> WB4APR Bob said:
> >I made two more slight tweaks to APRSdata that will serve out Satellite
> >OBJECTS and Schedules to D700 mobiles and D7 HT's in your area.
> >It also cleans up how the DX ALERT message looks on the mobile's D700
> >screen...
>
> Gentlemen, I have a D700 and have never seen a DX-alert, or
> know where to even find one on my D700 menu....

SImply press and hold the F key for one second. Then you get a menu with
two buttons. The TNC button is on the left and the DX LIST button is on
the right. Press it, and that is where it displays the Satllite Schedules
on your D700 if they have been transmitted recently.

The DX list is erased everytime you power up the radio or whenever you
change your PM's, so if it is blank, you can wait for 10 miunutes for the
next one to be transimttted or you can send a message to QDOS and in the
message enter "sats" and the local APRSdata server in your area will
respond with a new SATELLITE SCHEDULE...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

203. [htaprs] Re: GPS and ARPS..and APRS

From: Skip Allison <sallison@megsinet.net>
Date: Thu, 27 Jul 2000 22:53:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98917-2000.07.27-23.01.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

12XL Also works. Even the old ones.

Skip
K9SA

Walter Dunckel wrote:

>
> Sorry for the confusion.
> I was talking about waypoints and icons with GPS (for #1, not #2).
>
> Garmins GPSII+, GPSIII, III+, E-map (and possibly more models) are capable
> of sending and receiving NEMA data. This way you will see stations pop up on
> your GPS screen as you receive them.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

204. [htaprs] Re: GPS and ARPS..and APRS

From: Dale Blanchard <bolero@accessnv.com>
Date: Thu, 27 Jul 2000 21:31:02 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-98919-2000.07.27-23.31.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Walter Dunckel wrote:
>
> Sorry for the confusion.
> I was talking about waypoints and icons with GPS (for #1, not #2).
>
> Garmins GPSII+, GPSIII, III+, E-map (and possibly more models) are capable
> of sending and receiving NEMA data. This way you will see stations pop up on
> your GPS screen as you receive them.

On mine they are there somtimes and not sometimes. I dont know what or
why or how to make them apear.
What is the proper setting to make ham calls appear on the GPS III+.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

205. [htaprs] kenwood d7 europe

From: "Tom Hoedjes (HB9DOD)" <al0l@arrl.net>
Date: Fri, 28 Jul 2000 11:56:02 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98952-2000.07.28-05.02.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi There,

Does anybody know if the d7e version 2 has the same possibilities
as the G USA Type.
I mean 9600 APRS and all other updates...

My old d7 does not work with Randmcnally gps nor with the gps35 because it
has 4 decimals behind the comma
in their gps sentences.

Is this fixed in the new version 2.0

Any help and info appreciated...

Kenwood europe has the pc prg for the several types now on their
website....do they give support ôn this??
Until now Kenwood Europe denied support for these prg's

73 de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

206. [htaprs] Re: GPS and APRS

From: "Walter Dunckel" <walter@radiohound.com>
Date: Fri, 28 Jul 2000 07:11:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98978-2000.07.28-09.15.32--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

> On mine they are there somtimes and not sometimes. I dont know what or
> why or how to make them apear.
> What is the proper setting to make ham calls appear on the GPS III+.

The GPS will accept NMEA data anytime you set the interface to NMEA. It will default to 4800 baud.

The TH-D7 (non G model) will send NMEA waypoints to the GPS anytime that the APRS menu item "GPS UNIT NMEA" is selected. (Any waypoints that are within your position limit that is).

The TH-D7A(G) will send NMEA waypoints any time that the APRS menu item "Waypoint 6digits NMEA" and "GPS UNIT NMEA" is selected. The Waypoint setting lets you chose how many characters to allow in the ID of the waypoint. The Garmin GPSIII+ allows 6.

If the above is set correctly, your GPS is working, and your TH-D7 is getting position info from the GPS, then maybe you have a bad wire going back to the GPS. If it is intermittent and you have not changed any settings between it being intermittent, then it probably is a wire problem.

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

207. [htaprs] Garmin 162 problem

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 28 Jul 2000 11:32:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-98993-2000.07.28-10.37.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was just about to purchase a Garmin 162, but I heard that this unit has a problem with exchanging waypoints and routes via NMEA sentences. Does anyone out there have one?

Richard Carter
Wind River Systems
1 Tara Blvd. Suite 402
Nashua NH 03062
603-897-2071

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

208. [htaprs] West Very Slow on TH-D7A Conversion

From: "Larry P. Thomas wa0gwa" <lpthomas@krell.com>
Date: Fri, 28 Jul 2000 16:24:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99043-2000.07.28-16.29.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FWIW, I am not getting very good service out of Kenwood Service Center - West on the conversion of my D7A. I sent it in on 07/11/00 via 2nd day USPS and started to get concerned when I had not hear anything. Called them on Monday. 07/24/00, to make sure they even had it. They confirmed they did. They also indicated they were just about to work on it. After not seeing it in the mail by today, Friday 07/28/00, I was once again concerned it was lost. After all, I did sent in $12.00 above the $60.00 for shipping it back to me. My USPS 2nd day was less than $4.00! I called them again today, 07/28/00, and they confirmed they had it and would work on it Monday and ship it out Monday, 07/31/00. Hopefully I'll get it back by 08/02/00. If I do that will make over three weeks door to door. I almost sent it to Kenwood Service Center - East. Now I wish I had. They surely couldn't be any slower.

Larry

- Imagine it / Achieve it - Dream it / Become it -
  Larry P. Thomas wa0gwa voice : 1 913 888-0282

Krell Technologies fax :
8960 Bond pager : 1 913 617-HELP
Overland Park, KS www.krell.com
66214-1722 USA lpthomas@krell.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

209. [htaprs] TH-D7A(G) 2M TX Problem

From: DMT <dmt@netcom.com>
Date: Fri, 28 Jul 2000 16:48:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99062-2000.07.28-18.53.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently got a TH-D7A(G) to try my hand at APRS. Not certain if this is entirely on topic; however, I am having a problem with the rig's radiated RF (not enough), which is curtailing my ability to get on the mode.

It seems that with my TH-D7A(G) the 2M TX automatic protection circuitry is extremely sensitive to SWR. I first ran into the problem when I could not key up local repeaters in high power (theoretically 5W with the stock PB-39), where I could with another HT in its low power setting (0.2W). (I have also been unsuccessful in getting any acknowledgements to my APRS messages, though that might be due to the fact that I'm brand new to the mode.) Into a dummy load, the TH-D7 produces power at H, L, and EL
pretty much on spec -- 5W, 0.8W, 0.1W. Swapping the KW antenna to the other HT I could still key up the repeaters at 0.2W; swapping the other HT's antenna to the TH-D7 I could barely bring up the repeaters at high power (5W).

This first led me to consider how the antennas are cut. The TH-D7 antenna hears NOAA (162.55MHz) and train freqs great. With the other HT's antenna, the same 160MHz signals were much lower. So it would seem the TH-D7 antenna is cut a little short.

The next thing I tried were some comparisons using a field strength meter. This is where things came to light. Using the TH-D7 antenna on the TH-D7 at L (0.8W nominal), the signal strength was 10dB lower than the same antenna on the other HT at its low power (0.2W nominal). Trying other antennas that I know are less efficient on the TH-D7 on L (0.8W), I got readings as much as 18dB less.

So with on-spec power output with a 50 ohm dummy load compared to really low output using duck antennas, I conclude that the automatic power circuitry much be very sensitive to SWR. (The 440 side seems to have no problem folding back on the power -- I could easily key up repeaters on the EL power setting.) This is to me a problem as any duck is going to be less than efficient. Most other HT's seem to be designed to tolerate the inefficiency of ducks.

Has anyone experienced this before, or did I just get a lemon?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

210. [htaprs] D-700 vs D-7A

From: "George Minich" <gminich@toshiba.ca>
Date: Fri, 28 Jul 2000 20:53:5
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99085-2000.07.28-20.58.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In terms of APRS functionality, does the mobile D700 offer more than the D-7A? Would I be better of getting the D-700 if one of the main uses was the APRS aspect of the radio. What can the D-700 do that the D-7A cannot?Also, are any other vendors planing to release radio with built in APRS functionality?

Thanks

George

VA3GAM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

211. [htaprs] D7A(G) Question

From: "Richard Clemens" <clemens@wvwc.edu>
Date: Fri, 28 Jul 2000 21:22:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99086-2000.07.28-21.15.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When my Kenwood D7A(G) sends a beacon packet it starts with an odd string of
letters

KB8AOB-7>S8UU0R,RELAY,WIDE:'k9\l K\>kb8aob@aol.com
KB8AOB-7>SXUU0R,RELAY,WIDE:'k9\l [/>kb8aob@aol.com

When I send a message it starts with whatever I have set in Menu 2-E
(UNPROTOCOL)

KB8AOB-7>APK002,RELAY,WIDE::KB8AOB-3 :test message

Is this right?
--
Rich Clemens, KB8AOB
clemens@wvwc.edu

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

212. [htaprs] Re: West Very Slow on TH-D7A Conversion

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Fri, 28 Jul 2000 21:09:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99087-2000.07.28-21.16.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood East was right on target for me !

Great job Kenwood !

Somewhere here on the list I posted a message earlier this month
when I sent my HT to the Kenwood Service Center East and how
long it would take to get it back after talking with them on the phone.
It looks like they were very informative and accurate, because they
hit my anticipated return date right on target.

My unit arrived today via UPS and I expected it to arrive anytime
after 27-JUL-00. It looks like Kenwood East did an outstanding job in
providing a very accurate backlog timeline when I called them before
sending the unit.

I must admit, Kenwood East did a great job in letting me know the
timeline on their backlog prior to sending my unit. They also sent an
email to acknowledge receiving the unit as well as when they shipped
the unit back to me.

I am very impressed with the service and accuracy on hitting the return
date. There are not many companies that can live up to this standard.

I am not one to give praise to any organization unless they have met or
exceeded my expectation. In this case, my expectation was met based
on their information. I just wish I could find that email I sent earlier
this
month that explained the entire process when I shipped my unit to
Kenwood East. At least it would substantiate my claim on what I

expected.

Please do not get me wrong. I am not defending Kenwood, but when I
sent my D7A I called ahead of time to check their backlog. The nice
women on the phone stopped what she was doing and checked with
the service bay. When she returned, she told me they were working on
a radio that was received about 10 working days prior to that date. So,
with that information I added 3-4 days for shipping and 3-4 days on the
return shipment with a few days of fudge factor to arrive at my expectation.
Some radio's take longer to fix than others and this can be very difficult
to predict and could affect any timeline.

Sometimes we have to reset our expectation to be realistic. Again,
I am not being defensive, but I was being realistic in my expectation
based on the excellent information Kenwood East gave me ahead
of time. In your case, if you sent your radio on 11-JUL I would not
expect to receive it until 04-AUG or shortly thereafter. How did I arrive
at this number? Well, I was being realistic knowing how the real world
operates. Even if you sent it 2 day priority, it probably did not get
checked into the backlog until 14-JUL at some point in the day. With
that in mind and the idea that they probably have a 10 day (that is
working days based on a 5 day work week) backlog much like
Kenwood East, that would put the radio on the bench around 31-JUL
depending on how long it takes to fix other radios ahead of yours. If it
was programmed on the day it hit the bench, it may take another day
to get it shipped out the door if things are going well for everybody.
Then if you give it 3-4 days for shipping I would expect the earliest to
see it would be 04-AUG or shortly thereafter. This does not even
account for somebody getting sick or taking vacation.

I too hated to part with my D7A :-(

I do not work for Kenwood nor am I defending them, but I wanted to
clarify that we must be more realistic in our expectations before
voicing a negative comment without all the facts.

Tim - N8DEU
Huntsville, Alabama

My flame retardant suit has been pulled from the closet and I stand
by to take the heat however shallow it may be.... ;-)

-----Original Message-----
From: Larry P. Thomas wa0gwa <lpthomas@krell.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Friday, July 28, 2000 4:25 PM
Subject: [htaprs] West Very Slow on TH-D7A Conversion

>FWIW, I am not getting very good service out of Kenwood Service Center -
>West on the conversion of my D7A. I sent it in on 07/11/00 via 2nd day
>USPS and started to get concerned when I had not hear anything. Called
>them on Monday. 07/24/00, to make sure they even had it. They confirmed
>they did. They also indicated they were just about to work on it. After
>not seeing it in the mail by today, Friday 07/28/00, I was once again
>concerned it was lost. After all, I did sent in $12.00 above the $60.00
>for shipping it back to me. My USPS 2nd day was less than $4.00! I called
>them again today, 07/28/00, and they confirmed they had it and would work
>on it Monday and ship it out Monday, 07/31/00. Hopefully I'll get it back
>by 08/02/00. If I do that will make over three weeks door to door. I
>almost sent it to Kenwood Service Center - East. Now I wish I had. They
>surely couldn't be any slower.
>
>Larry
>
>- Imagine it / Achieve it - Dream it / Become it -
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax :
> 8960 Bond   pager : 1 913 617-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com
>

>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

213. [htaprs] Re: D-700 vs D-7A

From: "Mike Edwards" <medwards@atlantic.net>
Date: Fri, 28 Jul 2000 22:22:31 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99089-2000.07.28-21.27.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, the D700 does do more than the D7A. However, the July-released
TH-D7A(G) brings the handheld pretty much up to par with the D700 as far as
capability (9600 baud APRS, split VHF/UHF operation, advanced messaging, go
see the comparison PDF for more examples).. However, the D700 does have a
larger display and can show what the D7A & G take multiple pages (scrolling)
to show you (insofar as different info about a station, status, relative
location/gridsquare, lat/lon, and power-height-gain or WX data)

Bear in mind also that the D700 is a mobile rig and puts out a heckuva lot
more power than the D7A.

However, I decided I wanted to do all of this in the palm of my hand (or the
belt holding my jeans up). I love the D7G. But they're both awesome radios.

Other Vendors: Alinco has a 2m mobile radio pending "type-accepted"
certification from the FCC that has a built-in GPS option (which the
Kenwoods don't, but that doesn't matter to me) and does dumb tracker
operation. I don't think it will have near the interactive functionality
that the Kenwoods do. It will, however have a serial port so you can hook it
to a PC.

Gosh, did I miss anything?

Mike
KE4YGT

----- Original Message -----
From: George Minich <gminich@toshiba.ca>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, July 28, 2000 8:00 PM
Subject: [htaprs] D-700 vs D-7A

>   In terms of APRS functionality, does the mobile D700 offer more than the
> D-7A? Would I be better of getting the D-700 if one of the main uses was
> the APRS aspect of the radio. What can the D-700 do that the D-7A
> cannot?Also, are any other vendors planing to release radio with built in
> APRS functionality?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

214. [htaprs] Re: TH-D7A(G) 2M TX Problem

From: "lloyd mitchell" <lloydm75@hotmail.com>
Date: Fri, 28 Jul 2000 23:26:05 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99096-2000.07.28-22.31.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have experienced similar results also. I use my d7 with WinAPRS to hit to
my digi 3 miles away. I have to run high power to assure a heard packet
with the stock antenna. Switch to a ICOM dual band antenna and I can hit
the same digi on EL power at the exact location. I normally try to use a 1/4
wave two meter when using for long periods to save the battery and assure a

more decent signal.

I think Kenwood really needs to (at least) respond to all the reports of
degraded output with the stock antenna. If they have proof to the contrary
PLEASE let us know. Maybe we have damaged our antenna someway. Maybe the
tip is sensitive to damage via excessive handling???

I do know that I found a lot of metal filings in the SMA connector right
after I purchased it. Another post here on the SIG warned me and others
about the possiblity of shorting the final.

Well now you have MY two cents worth.

Other than that ..... I LOVE MY d7A (not a G yet)

Lloyd KD4HTW

----Original Message Follows----
From: DMT <dmt@netcom.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Subject: [htaprs] TH-D7A(G) 2M TX Problem
Date: Fri, 28 Jul 2000 16:48:00 -0700

I recently got a TH-D7A(G) to try my hand at APRS. Not certain if this
is entirely on topic; however, I am having a problem with the rig's
radiated RF (not enough), which is curtailing my ability to get on the
mode.

It seems that with my TH-D7A(G) the 2M TX automatic protection circuitry
is extremely sensitive to SWR. I first ran into the problem when I could
not key up local repeaters in high power (theoretically 5W with the
stock PB-39), where I could with another HT in its low power setting
(0.2W). (I have also been unsuccessful in getting any acknowledgements
to my APRS messages, though that might be due to the fact that I'm brand
new to the mode.) Into a dummy load, the TH-D7 produces power at H, L,
and EL
pretty much on spec -- 5W, 0.8W, 0.1W. Swapping the KW antenna to the
other HT I could still key up the repeaters at 0.2W; swapping the other
HT's antenna to the TH-D7 I could barely bring up the repeaters at high
power (5W).

This first led me to consider how the antennas are cut. The TH-D7
antenna hears NOAA (162.55MHz) and train freqs great. With the other
HT's antenna, the same 160MHz signals were much lower. So it would seem
the TH-D7 antenna is cut a little short.

The next thing I tried were some comparisons using a field strength
meter. This is where things came to light. Using the TH-D7 antenna on
the TH-D7 at L (0.8W nominal), the signal strength was 10dB lower than
the same antenna on the other HT at its low power (0.2W nominal). Trying
other antennas that I know are less efficient on the TH-D7 on L (0.8W),
I got readings as much as 18dB less.

So with on-spec power output with a 50 ohm dummy load compared to really
low output using duck antennas, I conclude that the automatic power
circuitry much be very sensitive to SWR. (The 440 side seems to have no
problem folding back on the power -- I could easily key up repeaters on
the EL power setting.) This is to me a problem as any duck is going to
be less than efficient. Most other HT's seem to be designed to tolerate
the inefficiency of ducks.

Has anyone experienced this before, or did I just get a lemon?

You are currently subscribed to htaprs as: lloydm75@hotmail.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

215. [htaprs] Re: TH-D7A(G) 2M TX Problem

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 29 Jul 2000 01:34:44 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99116-2000.07.29-00.40.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have to vote the other way on this. While the stock antenna on my D7 (originally an "A", the mod to "G" made by Kenwood in June) leaves much to be desired it is no worse than any other rubber duck/dummy load. I routinely run EL (extra low power) from my wife's house (we just got married 8 months ago and will be bouncing between two homes for another 6-8 months or so) and hit my digi at my house 6.8 miles away crow flies distance according to the D7 computation. From my home, which is at 1500 feet I work voice digis in the Burlington VT area that are 17-20 miles away. I can key most of them on EL and work them on L. I also have a Comet SMA-24 antenna an that works considerably better but is damnably inconvenient to carry a round due to its length. I keep it on the dash of my Blazer for when I need it.

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<n1bq@amsat.org>

> -----Original Message-----
> From: bounce-htaprs-8539@lists.tapr.org
> [mailto:bounce-htaprs-8539@lists.tapr.org]On Behalf Of lloyd mitchell
> Sent: Friday, July 28, 2000 11:26 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: TH-D7A(G) 2M TX Problem
>
>
> I have experienced similar results also. I use my d7 with
> WinAPRS to hit to
> my digi 3 miles away. I have to run high power to assure a
> heard packet
> with the stock antenna. Switch to a ICOM dual band antenna
> and I can hit
> the same digi on EL power at the exact location. I normally
> try to use a 1/4
> wave two meter when using for long periods to save the
> battery and assure a
> more decent signal.
>
> I think Kenwood really needs to (at least) respond to all the
> reports of
> degraded output with the stock antenna. If they have proof
> to the contrary
> PLEASE let us know. Maybe we have damaged our antenna
> someway. Maybe the
> tip is sensitive to damage via excessive handling???
>
> I do know that I found a lot of metal filings in the SMA
> connector right
> after I purchased it. Another post here on the SIG warned me
> and others
> about the possiblity of shorting the final.
>
> Well now you have MY two cents worth.
>
> Other than that ..... I LOVE MY d7A (not a G yet)
>
> Lloyd KD4HTW
>
>
> ----Original Message Follows----
> From: DMT <dmt@netcom.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Subject: [htaprs] TH-D7A(G) 2M TX Problem
> Date: Fri, 28 Jul 2000 16:48:00 -0700
>
> I recently got a TH-D7A(G) to try my hand at APRS. Not certain if this
> is entirely on topic; however, I am having a problem with the rig's
> radiated RF (not enough), which is curtailing my ability to get on the
> mode.
>

> It seems that with my TH-D7A(G) the 2M TX automatic
> protection circuitry
> is extremely sensitive to SWR. I first ran into the problem
> when I could
> not key up local repeaters in high power (theoretically 5W with the
> stock PB-39), where I could with another HT in its low power setting
> (0.2W). (I have also been unsuccessful in getting any acknowledgements
> to my APRS messages, though that might be due to the fact
> that I'm brand
> new to the mode.) Into a dummy load, the TH-D7 produces power at H, L,
> and EL
> pretty much on spec -- 5W, 0.8W, 0.1W. Swapping the KW antenna to the
> other HT I could still key up the repeaters at 0.2W; swapping
> the other
> HT's antenna to the TH-D7 I could barely bring up the
> repeaters at high
> power (5W).
>
> This first led me to consider how the antennas are cut. The TH-D7
> antenna hears NOAA (162.55MHz) and train freqs great. With the other
> HT's antenna, the same 160MHz signals were much lower. So it
> would seem
> the TH-D7 antenna is cut a little short.
>
> The next thing I tried were some comparisons using a field strength
> meter. This is where things came to light. Using the TH-D7 antenna on
> the TH-D7 at L (0.8W nominal), the signal strength was 10dB lower than
> the same antenna on the other HT at its low power (0.2W
> nominal). Trying
> other antennas that I know are less efficient on the TH-D7 on
> L (0.8W),
> I got readings as much as 18dB less.
>
> So with on-spec power output with a 50 ohm dummy load
> compared to really
> low output using duck antennas, I conclude that the automatic power
> circuitry much be very sensitive to SWR. (The 440 side seems
> to have no
> problem folding back on the power -- I could easily key up
> repeaters on
> the EL power setting.) This is to me a problem as any duck is going to
> be less than efficient. Most other HT's seem to be designed
> to tolerate
> the inefficiency of ducks.
>
> Has anyone experienced this before, or did I just get a lemon?
>
> ---
> You are currently subscribed to htaprs as: lloydm75@hotmail.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
> wa1lou@tapr.org
>
>
> _____
> _____
> Get Your Private, Free E-mail from MSN Hotmail at
http://www.hotmail.com

You are currently subscribed to htaprs as: brianbr@macconnect.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

216. [htaprs] THD7 Antenna

From: "David Zobel" <dzobel1@rochester.rr.com>
Date: Sat, 29 Jul 2000 10:35:11 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99149-2000.07.29-09.42.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The THD7 has some great features but my first concern when I got mine a year ago was that there had to be something wrong with either the antenna or the radio. I first had the antenna exchanged by Kenwood. When that didn't work, and the report was that there was nothing wrong with my antenna, I had the radio looked at by Kenwood East Service. Although it came back with a clean bill of health and that there were no problems found, I think that they must have upgraded the software because it acted differently. However, the BASIC functions of the radio leave much to be desired. Poor receive and very poor transmit range. Kenwood telephone support even suggested that I should not be using the Yaesu SMA to BNC adaptor and that they did not supply one. Their concern was the pin of the adaptor may be expanding the connector on the radio. So, what I initially got from Kenwood was that I must be doing something wrong by even trying anything other than the stock antenna.

I have a Comet SMA503 which is better. I've also tried the Yaesu antenna from the VX5R which is much better. So, I'm glad others have confirmed my original assessment of the radio that the antenna design is poor at best. I would hope that Kenwood in the interest of good customer relations will look into the problem and correct the situation. Its great to have a radio with as many features as the THD7 has but without the basic functionality of acceptable receive and transmit, all of these features are useless.

I expressed this concern to Kenwood directly. I hope that the reason I didn't get a response was that they are overwhelmed with email expressing the same concern. Once the marketing folks get wind of the problem, the technical folks will be given proper direction.

217. [htaprs] Re: THD7 Antenna

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 29 Jul 2000 12:42:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99169-2000.07.29-12.46.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A quick key word search of the sig archive on www.tapr.org
would have found many posts about the stock antenna and several solutions.

Don't over look this excellent resource.

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

218. [htaprs] Re: D7A trouble

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 29 Jul 2000 14:12:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99183-2000.07.29-13.58.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Lee C. wrote:

>Radio will transmit once (sending position), but will then not TX any-
>more. Any ideas?

     Try pressing the BCON button. Or take a look at your transmit
rate.   73

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

219. [htaprs] D7G not showing up on WinAPRS

From: "tom walker" <tom@spectron.net>
Date: Sun, 30 Jul 2000 10:37:28
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99369-2000.07.30-10.42.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My newly upgraded D7G is not showing on on WinAPRS. WinAPRS is showing
others stations, findu.com is showing the location of the D7G. I don't
think I have set any prarameters to an odd setting. Any suggestions?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

220. [htaprs] Re: thd7 G and winaprs 2.6

From: "tom walker" <tom@spectron.net>
Date: Sun, 30 Jul 2000 10:42:37
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99372-2000.07.30-10.48.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I too am encoutering a similar situation. D7 shows up on findu.com but
WinAPRS V 2.4.6 does not show my D7. I have not made any strange
configuration changes to either the D7 or the WinAPRS.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

221. [htaprs] Re: thd7 G and winaprs 2.6

From: Chris Arndt <carndt@slonet.org>
Date: Sun, 30 Jul 2000 09:36:50 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-99383-2000.07.30-11.42.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I hd this problem with 2.4.6 and our D700s. If you zoom out far enough, I
think you'll see your radio shown off the west coast of Africa, and it
should be in the station list. I don't know what the problem is, but
reverting to an earlier version of WinAORS fixed it (2.2.8)

Chris

On Sun, 30 Jul 2000, tom walker wrote:

> I too am encoutering a similar situation. D7 shows up on findu.com but
> WinAPRS V 2.4.6 does not show my D7. I have not made any strange
> configuration changes to either the D7 or the WinAPRS.
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

222. [htaprs] Re: THD7 Antenna

From: "Jim Fonte, K9FI" <fonte@csinet.net>
Date: Sun, 30 Jul 2000 11:48:48
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99388-2000.07.30-11.54.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 07/29/00, ""David Zobel" <dzobel1@rochester.rr.com>" wrote:

<snip>

> I have a Comet SMA503 which is better. I've also tried the Yaesu =
> antenna from the VX5R which is much better. So, I'm glad others have =
> confirmed my original assessment of the radio that the antenna design is =
> poor at best. I would hope that Kenwood in the interest of good =
> customer relations will look into the problem and correct the situation. =

de K9FI:
David, I assume that you might have seen my earlier post on the relative
merits of replacing the Kenwood OEM-antenna with the Yaesu VX5R antenna

(sans the 6m topload) --- hence, your (additional) confirmation that that
Yaesu antenna is indeed a much better performer when used on the TH-D7
radio.

<snip>

> I expressed this concern to Kenwood directly. I hope that the reason I =
> didn't get a response was that they are overwhelmed with email =
> expressing the same concern. Once the marketing folks get wind of the =
> problem, the technical folks will be given proper direction.

<snip>

de K9FI:
I sent a detailed email directly to Kenwood as well, only to receive
NOTHING in reply. Well, if I were in their (Kenwood's) position, I suppose
that I would have a jaundiced impression, what with a (small) part of the
customer-base using a competitors antenna to solve (in the customers mind)
a problem that the radio manufacturer apparently will not address.
(harumphf!!)

Just as a matter of course, those of the group who own an MFJ-259B...try
this test on your ORIGINAL TH-D7A antenna ---- JUST FOR GIGGLES!

~:?)

1. Assemble an PL-259 -to- SMA(female) conversion adaptorizer, and screw it
into   the top of the MFJ-259B.
2. Screw the Kenwood OEM-antenna (from the D7) into the SMA-jack.
3. Turn the '259B' on, and adjust the frequency until you obtain the lowest
SWR   reading v. a 50 ohm impedance reading.
4. NOTE that the 'frequency' reading will be 160 MHz. +/-
5. NOW...if you have other antennas to 'test' (the VX5R antenna especially)
do   the same.
5a.If you have a sensitive field-strength meter, check the relative
readings as   well
6. Draw your own conclusion...

There have been comments that all rubber antennas are in the P.O.S.
category anyway --- PERHAPS, but some P.O.S. antennas DO WORK BETTER than
others.

Shorty for WB4APR ---- Bob...since you have more specific access to the
ears @ Kenwood, does this discussion merit your advocacy and
intervention???
"We" all love 'ya man!! --- without your APRS-stuff, who knows --- we all
still might be handling traffic on the CW nets!!

~:?)

vy 73!!
Jim, K9FI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

223. [htaprs] Re: thd7 G and winaprs 2.6

From: ChuckD2737@aol.com
Date: Sun, 30 Jul 2000 13:45:46 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99414-2000.07.30-12.51.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I had a similar problem and noticed that WinAPRS appeared to be incorrectly
ploting the longitude but if you upgrade to version 2.4.7 this should fix
that problem. Another thing to check would be to make sure that your station
is appearing in the "Stations Heard" list of WinAPRS. If so and you are
reporting a latitude and longitude you should be somewhere on the map.

Good luck....

Chuck
WD6BFC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

224. [htaprs] Re: thd7 G and winaprs 2.6

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 30 Jul 2000 11:43:08 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "nwaprssig" <nwaprssig@nwaprs.org>
Message-ID: <LYR845-99422-2000.07.30-13.49.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have seen similar problems with other radios also. I don't think it is a WinAPRS program problem. I run WinAPRS and presently run Version 2.4.7.

My conclusion is that at times your lat/long gets corrupted by collisions of the packets. Just because the band is clear where you transmit from does not mean it won't suffer a collision problem on the mountain top WIDE digi. However if you transmit from your HT or Mobile APRS Tracker next to your home station, it should show up on your home station screen (at least the majority of the time).

I really like the findu.com site, because it shows you what happens by collisions. Sometimes your data string is just altered slightly and not killed entirely. Our Mason County EOC showed up in Germany last Friday on findu site but was still in the correct position on my computer. (Packet received by my computer was OK, packet received by findu site had lost the degree number on one of the parameters and the rest of the info was OK).

Check the messages for some of the stations and you will also note that some of the characters may have been corrupted by collisions. This problem will become more of a problem as APRS keeps growing. That is one of the reasons you should follow the recommendations of your local APRS Network Group for your area since they are trying to come up with recommended settings to limit these sort of problems. Remember the packets on APRS are NOT verified packets, you only control what you send out, not what the other stations receive.

To the NW APRS Group, if you do not subscribe to this TAPR list, you should. It has lots of great info on not just the APRS radio's but also on APRS in general.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
>>
> I hd this problem with 2.4.6 and our D700s. If you zoom out far enough, I
> think you'll see your radio shown off the west coast of Africa, and it
> should be in the station list. I don't know what the problem is, but
> reverting to an earlier version of WinAORS fixed it (2.2.8)
>
> Chris
>
> On Sun, 30 Jul 2000, tom walker wrote:
>
> > I too am encoutering a similar situation. D7 shows up on findu.com but
> > WinAPRS V 2.4.6 does not show my D7. I have not made any strange
> > configuration changes to either the D7 or the WinAPRS.
> >
> > ---
> > You are currently subscribed to htaprs as: carndt@slonet.org
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

225. [htaprs] Re: thd7 G and winaprs 2.6

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sun, 30 Jul 2000 14:31:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99429-2000.07.30-14.37.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Herb,
  It is highly unlikely that a collision will cause corruption of a packet.
A properly configured TNC should reject any packet containing errors.

The likely source of location corruption is IGATE applications that
incorrectly convert the raw Mic-E (D7, D700 etc) and supply
defective data to the Internet feed. You may not observe this
problem if you are not connected to one of the APRS servers.

A single raw Mic-E location packet can result in up to 5 different
converted packets appearing on the feed. The converted locations
and timestamps can differ greatly.

The following packets appeared on the aprs.net:23 on
07/30/2000 during a 2 minute period. 2 raw Mic-E
Packets generated a total of 8 converted packets.
This is an average of 4 converted packets per raw Mic-E
packet..

Raw packet #1 conversions.
K4HG-8>APK101,KD4BBM-6*,WIDE,WIDE:@301708z2450.18N/08046.01Wk283/048/Mic-E/M
1/Enroute>
K4HG-8>APD213a,KD4BBM-6*,WIDE,WIDE/V:@301706z2450.19N/08046.02Wk283/048/E>ds
y/M1/Enroute...]"4-}
K4HG-8>APK101,KD4BBM-6,KG5QD-3*,WIDE:@301702z2450.18N/08046.01Wk283/048/Mic-
E/M1/Enroute>

Raw packet #2 conversions.
K4HG-8>APK101,KD4BBM-6*,WIDE,WIDE:@301710z2450.31N/08047.70Wk248/048/Mic-E/M
1/Enroute>
K4HG-8>APD213a,KD4BBM-6*,WIDE,WIDE/V:@301708z2450.32N/08047.71Wk248/048/E>ds
y/M1/Enroute...]"4(}
K4HG-8>APK101,KD4BBM-6,KG5QD-3*,WIDE:@301704z2450.31N/08047.70Wk248/048/Mic-
E/M1/Enroute>
K4HG-8>APK101,KD4BBM-6,N4FSU-1,KS4NS-3*:@301704z2450.31N/08047.70Wk248/048/M
ic-E/M1/Enroute>
}K4HG-8>APK101,TCPIP*,N2LBT-1*:@301704z2450.31N/08047.70Wk248/048/Mic-E/M1/E
nroute>

These conversions can cause a mobile track to contain
spurious locations. This can cause a d7 track to appear to have
numerous small zigs and zags.

It appears that at least one version of an APRS application
cannot successful convert Mic-E packets that contain
postion ambiguity. This might explain why a station
from the west coast might appear in Germany.

These problems are not caused by the D7 but are
largely due to a lack of standards regarding the decoding
and conversion of Mic-E packets.

Bill KC9XG

On Sunday, July 30, 2000 1:43 PM, Herb Gerhardt, KB7UVC
[SMTP:gerhardt@hctc.com] wrote:
> I have seen similar problems with other radios also. I don't think it is a
> WinAPRS program problem. I run WinAPRS and presently run Version 2.4.7.
>
> My conclusion is that at times your lat/long gets corrupted by collisions of
> the packets. Just because the band is clear where you transmit from does
> not mean it won't suffer a collision problem on the mountain top WIDE digi.
> However if you transmit from your HT or Mobile APRS Tracker next to your
> home station, it should show up on your home station screen (at least the
> majority of the time).
>

> I really like the findu.com site, because it shows you what happens by
> collisions. Sometimes your data string is just altered slightly and not
> killed entirely. Our Mason County EOC showed up in Germany last Friday on
> findu site but was still in the correct position on my computer. (Packet
> received by my computer was OK, packet received by findu site had lost the
> degree number on one of the parameters and the rest of the info was OK).
>
> Check the messages for some of the stations and you will also note that some
> of the characters may have been corrupted by collisions. This problem will
> become more of a problem as APRS keeps growing. That is one of the reasons
> you should follow the recommendations of your local APRS Network Group for
> your area since they are trying to come up with recommended settings to
> limit these sort of problems. Remember the packets on APRS are NOT verified
> packets, you only control what you send out, not what the other stations
> receive.
>
> To the NW APRS Group, if you do not subscribe to this TAPR list, you should.
> It has lots of great info on not just the APRS radio's but also on APRS in
> general.
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
> My Home Page: http://www.hctc.com/~gerhardt/
>
>
> > -----Original Message-----
> > From: bounce-htaprs-9461@lists.tapr.org
> >>
> > I hd this problem with 2.4.6 and our D700s. If you zoom out far enough, I
> > think you'll see your radio shown off the west coast of Africa, and it
> > should be in the station list. I don't know what the problem is, but
> > reverting to an earlier version of WinAORS fixed it (2.2.8)
> >
> > Chris
> >
> > On Sun, 30 Jul 2000, tom walker wrote:
> >
> > > I too am encoutering a similar situation. D7 shows up on findu.com but
> > > WinAPRS V 2.4.6 does not show my D7. I have not made any strange
> > > configuration changes to either the D7 or the WinAPRS.
> > >
> > > ---
> > > You are currently subscribed to htaprs as: carndt@slonet.org
> > > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> > >
> > >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: gerhardt@hctc.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

226. [htaprs] Missing VB6 OCX for Tracking Program

From: "Karl G6ODT" <g6odt@btinternet.com>
Date: Mon, 31 Jul 2000 00:10:59 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99491-2000.07.30-18.16.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

For those of you who didn't have the missing VB6 files already on
your computers and got errors while trying to run the Satcontrol
program here is the message that I've sent to the 3 stations who

let me know of the problem. I'm sure there must have been more !

I found 3 files that are needed for the Sattrack control and the program to
work correctly.

You'll find them at :-

http://members.tripod.com/~g6odt/vb6ocx.zip

Tripod will almost certainly put up a html page when you click on the link, this
doesn't mean it's a bad link but if you look at the bottom of the page there
will
be another link to click on to collect the file.

Once downloaded unzip all files into the windows\system\ folder and then
manually
register them using   REGSVR32.

eg from the start menu select RUN and type regsvr32 mscomct2.ocx
repeat this for mscomctl.ocx and then sattrack.ocx

Everything should then work ok. it will even run on a 486 ! It runs here on a
486 dx2 66
with 16Mb under Win95.

73 Karl G6ODT
Email g6odt@yahoo.com
http://members.tripod.com/~g6odt/packet.html
24h Relay/Wide .Tracen-n Enabled.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

227. [htaprs] Re: thd7 G and winaprs 2.6

From: Chris Arndt <carndt@slonet.org>
Date: Sun, 30 Jul 2000 17:00:18 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: tom@spectron.net, htaprs@lists.tapr.org
Message-ID: <LYR845-99497-2000.07.30-19.06.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the heads up on 2.4.7, Chuck. When I noticed the problem and
looked at TAPR for an upgrade, the latest version was 2.4.6. Actually, as
I was writing this, I looked and the latest is still 2.4.6. Where'd you
get 2.4.7?

Oops, never mind. I checked Rutgers (the url listed in WinAprs Help About
and found it. For others, it's at:

ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/

Chris

On Sun, 30 Jul 2000 ChuckD2737@aol.com wrote:

> Hi,
>
> I had a similar problem and noticed that WinAPRS appeared to be incorrectly
> ploting the longitude but if you upgrade to version 2.4.7 this should fix
> that problem. Another thing to check would be to make sure that your station
> is appearing in the "Stations Heard" list of WinAPRS. If so and you are
> reporting a latitude and longitude you should be somewhere on the map.
>
> Good luck....
>
> Chuck
> WD6BFC
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

228. [htaprs] aprs/ce?

From: Carl Littlejohns <carl_mail@dr.com>
Date: Mon, 31 Jul 2000 08:17:43 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99541-2000.07.31-02.19.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have aprs/ce on a casseopeia, and want to connect it to my DTR7 -but
am having probs getting the program to behave. Anyone been there and
bought the T-shirt?

Car
 gw0tqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

229. [htaprs] APRS TCP/IP Information

From: "George Minich" <gminich@toshiba.ca>
Date: Mon, 31 Jul 2000 10:18:29
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99588-2000.07.31-10.23.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,

  Is there any documentation published that discusses the protocol required
to connect to APRS servers via TCP/IP? Also, does anyone know of Java code
that exists for any APRS applications? I am learning JAVA at the moment
and any related examples will help the effort.

  I want to create an application that logs stations in a database, allows
for queries to this database, gateways email, tracks stations and sends
reports via email, etc........

    Early last year I started working on a similar application in Perl.
After two months of work -> HARD DRIVE CRASH (no backups). Oh well, live
and learn. I work in MIS and preach the virtues of backups at work all
day. Call me doofus!

          Thanks

             George
             VA3GAM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

230. [htaprs] New beta version software available! TH-D7A(G)

From: Kenwood Customer Care <cuyeda@ix.netcom.com>
Date: Mon, 31 Jul 2000 16:33:19 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: kenwood@qth.net
Message-ID: <LYR845-99684-2000.07.31-18.37.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To All TH-D7A(G) owners:

A new version of the TH-D7A(G) Memory Control Program is available on
Kenwood's FTP site:

ftp://ftp.kenwood.net/SOFTWARE/THD7A%28G%29/ direct link! If you have any
problems navigating to this direct link, go to: www.kenwood.net and click
on the download section. Read the read me file for version differences.

73, Kenwood

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

231. [htaprs] Re: aprs/ce?

From: "George Minich" <gminich@toshiba.ca>
Date: Mon, 31 Jul 2000 20:12:27
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99690-2000.07.31-20.18.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I understand that there are seperate PalmPC and PocketPC versions. Are you using the correct version? Just a thought.... My new Casio E-115 is on it's way from Casio. I have not tried APRS/CE on my original E-100 so I am itching to get my new unit! Any feedback from other APRS/CE users? How functional is it in terms of a feature set?

George

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

232. [htaprs] RE: aprs/ce?

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Mon, 31 Jul 2000 22:09:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99700-2000.07.31-21.15.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> From: Carl Littlejohns
> Subject: [htaprs] aprs/ce?
>
> I have aprs/ce on a casseopeia, and want to connect it to my DTR7 -but
> am having probs getting the program to behave. Anyone been there and
> bought the T-shirt?
>

Well, the program's not going to behave at all - it has expired!

First, my apologies to all - the program expired. I'm going to attempt a build tonight - I'll set it to expire at the end of October. This is what happens when you have two other projects going...

I have been trying to get a native PocketPC version working. All is complete except I can't get my menu to show up - at all. (I'm about to pull my hair out - I've tried everything to get it to work...) As soon as I get it working, I'll create an install that includes the native PocketPC builds. (That way, Compaq iPaq owners can get in on the fun!)

Again, my apologies for the inconvenience, and I'll notify everyone when the next beta is available...

-Rob
KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

August 2000

Original source file: htaprs.0008
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0008

1. [htaprs] Re: aprs/ce?

From: Carl Littlejohns <carl_mail@dr.com>
Date: Tue, 01 Aug 2000 08:09:24 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-99784-2000.08.01-02.10.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I understand that there are seperate PalmPC and PocketPC versions. Are
> you using the correct version? Just a thought.... My new Casio E-115 is

Ive had my E115 for must be nearly two months :) We must exchange notes in due course..

For other list members..

Its a nice program, but I can only get it to lists the station calls, it will not storetheir locations (hence doesnt plot them). Im using aprs/ce build691 ..ha! I just launched it to help me write this email and it EXPIRED yesterday.... ah well, have to wait for the next beta!

The display of DOSAPRS maps work well (I havent tried any other) and they suit the colour screen well (the autoroute street map program uses Dosaprs looking maps to do its stuff and is also a 'killer application' IMO.

Im wondering if aprs/ce needs to be registered to work or perhaps it isnt picking up UIVIEW positional packets (which dominate in the UK)

Carl GW0TQM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] RE: aprs/ce?

From: Carl Littlejohns <carl_mail@dr.com>
Date: Tue, 01 Aug 2000 08:09:26 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-99785-2000.08.01-02.11.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

just noticed (comes of being further round the world I guess...?)

Carl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] Re: thd7 G and winaprs 2.6 (fwd)

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Tue, 1 Aug 2000 10:30:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99854-2000.08.01-12.36.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I asked Curt to post his reply so we can all learn from it. Since Curt is not a member of this list, I am posting his reply.

Thanks to all that responded to my comments. Yes, I had several comments that convinced me that my conclusion was in error. That is good, since we are all still on the learning curve.

I have had lots of correspondence with Curt since he got into APRS last year and I have great respect for his technical knowledge and desires. Curt is a great asset to our hobby. He is one of the heavy hitters and is also working on integrating APRS into his county's SAR activities.

Curt, you might want to join this list. There is lots of good technical
information exchanged on this list on not just the Kenwood APRS radios but
also on APRS in general.

Thanks again to all that responded,

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

> -----Original Message-----
>> ---------- Forwarded message ----------
> Date: Mon, 31 Jul 2000 10:48:20 -0700 (PDT)
> From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
> To: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
> Cc: Curt Mills <hacker@tc.fluke.com>, "Curt Mills, WE7U"
> <BowHunter@mail.com>
> Subject: RE: [htaprs] Re: thd7 G and winaprs 2.6
>
> On Sun, 30 Jul 2000, Herb Gerhardt, KB7UVC wrote:
>
> > My conclusion is that at times your lat/long gets corrupted by
> collisions of
> > the packets. Just because the band is clear where you transmit
> from does
> > not mean it won't suffer a collision problem on the mountain
> top WIDE digi.
> > However if you transmit from your HT or Mobile APRS Tracker next to your
> > home station, it should show up on your home station screen (at
> least the
> > majority of the time).
>
> Hi Herb. I've only met you one time and don't know you well (but you're
> a hunter so you can't be all that bad). I hope what I'm going to say
> doesn't anger you. My approach in discussions isn't usually very gentle.
> Blame it on my being an engineer or an asshole, your choice ;-)
>
> Here we go:
>
> I personally believe your conclusion cannot be correct. It IS absolutely
> what one would think when looking at the data though. I've done a lot
> of work trying to understand why MIC-E style packets get corrupted.
> There are serveral possible scenarios:
>
> 1) Someone is running a TNC in garbage mode, ignoring CRC checksums.
> This can cause packets with bad checksums to be repeated by that station
> and get a good CRC checksum appended, thereby getting them accepted and
> repeated by more repeaters/gateways as a good packet (no way to know
> after that first station calls it "good").
>
> 2) A TNC somewhere is running too high of a data rate to the computer, or
> the computer has crappy serial ports or is underpowered, resulting in
> overruns in receiving characters from the TNC. This can cause characters
> to be dropped or duplicated, throwing the position off.
>
> 3) The conversion routines that convert the compressed MIC-E packets
> into human-readable packets are incorrect. This is most definitely the
> case for at least some software out there.
>
> 4) Crummy software that may combine packets from multiple serial ports
> at once because it wasn't written correctly. I've seen lots of packets
> on the internet field that are the result of combining of two original
> packets.
>
> 5) Some of the characters in a MIC-E style packet are non-printable,
> and some TNC's filter these characters out by default (all AEA TNC's
> for instance with the "mfilter" command's defaults). This can cause
> one or more characters in the longitude of a MIC-E packet to be dropped
> by the TNC and never sent to the computer. The result is a position
> that suddenly shifts left or right some amount. I've seen this one
> a lot and been quite vocal about it on some of the lists. "mfilter 0"
> will fix this on an AEA TNC. Also check the "afilter" command.
>
> These are the ones that I've verified with my own experiments: 1, 2,
> 3, 5. #4 is a possiblity, but not as likely to occur as any of the
> others.
>

> I've had a lot of problem with my packets getting corrupted. I started
> with the Handyboard HC11/AEA PK-88 tracker box that you saw last fall
> at North Bend, and when I converted it to use MIC-E format I started
> seeing these problems regularly. When I run with a PC and a TNC I
> don't see the problems anywhere near as much.
>
> I've been working on a Perl version of aprsd, which is available from
> my ftp site. While doing work on it I've been looking at lots of
> packets and came up with the above scenarios. There are probably
> others I haven't thought of.
>
> The AX.25 protocol, if used properly with CRC-16 checksums, will catch
> most errors in the packets. If the CRC-16 is ignored, then anything
> might be received by the TNC. I don't remember the exact figures now,
> but I think CRC-16 will miss something like 1 in 100,000 or 1,000,000
> single-bit errors, but it will catch the rest. Pretty good odds.
>
> Between the TNC and the computer there are no checksums being used,
> so incorrect choice of baud rate coupled with slow computers or serial
> ports can cause problems there, unless perhaps you're running the TNC
> in KISS mode. I think in that mode there is a checksum across the
> serial line.
>
> I'd love to hear any comments you might have.
>
> Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
> Senior Methods Engineer/SysAdmin
> "Lotto: A tax on people who are bad at math." -- unknown
> "Windows: Microsoft's tax on computer illiterates." -- WE7U
>
> ---
> To Unsubscribe, send e-mail to nwaprssig-request@nwaprs.org with
> unsubscribe nwaprssig in the body.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Sailboat Tracking

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Aug 2000 14:26:20 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99865-2000.08.01-13.32.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KH6JJD has just departed Annapolis with a D7 on board a Naval Academy
Sailboat. He will be on the 144.39 Terrestrial network when in range, and
will report his positions via SUNSAT and UOSAT5 when off shore.

ALthough a HAM for dozens of years, he only got a THD7 last night and a
CRASH course in APRS, Satellites, and all the rest in one hour during
lunch hour. SO it will be amazing if it works... But look for him all
the same...

Also, if you see any POSITS from him or messages via the satellites,
please send them to me wb4apr@amsat.org.

THanks
de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] Re: Sailboat Tracking

From: "Mike Edwards" <medwards@atlantic.net>
Date: Mon, 31 Jul 2000 17:48:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99913-2000.08.01-16.53.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You didn't mention where he's headed..

....and as of 5:47pm EDT findu.com says

Position of KH6JJD (Theodore Rogers)
Report received 2 hours 37 minutes 2 seconds ago
(naval academy posit shown)

Did he take the D7 instruction manual along? :-)

Mike KE4YGT

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>

> KH6JJD has just departed Annapolis with a D7 on board a Naval Academy
> Sailboat. He will be on the 144.39 Terrestrial network when in range, and
> will report his positions via SUNSAT and UOSAT5 when off shore.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: Sailboat Tracking

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Aug 2000 17:59:13 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-99920-2000.08.01-17.44.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 31 Jul 2000, Mike Edwards wrote:

> You didn't mention where he's headed..

Annapoolis, to Norfolk, to New York and around Long Island...

> Did he take the D7 instruction manual along? :-)

Actually, yes, he downloaded it!
I dont see him either... :-(

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] Re: Sailboat Tracking

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Tue, 1 Aug 2000 18:49:18 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99922-2000.08.01-17.54.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had the pacgat up last so-35 (22:30z) pass, nothing heard from kh6jjd

73 Jeff kb2wqm

> On Mon, 31 Jul 2000, Mike Edwards wrote:
>
> > You didn't mention where he's headed..
>
> Annapoolis, to Norfolk, to New York and around Long Island...
>
> > Did he take the D7 instruction manual along? :-)
>
> Actually, yes, he downloaded it!
> I dont see him either... :-(
>
> bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: Sailboat Tracking

From: David Aitcheson - KB3EFS <cdjintl@clark.net>
Date: Tue, 01 Aug 2000 20:08:21 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99938-2000.08.01-19.13.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am seeing him on a new install of Xastir!

Jeff Griffin wrote:
>
> Had the pacgat up last so-35 (22:30z) pass, nothing heard from kh6jjd
>
> 73 Jeff kb2wqm
>
> > On Mon, 31 Jul 2000, Mike Edwards wrote:
> >
> > > You didn't mention where he's headed..
> >
> > Annapoolis, to Norfolk, to New York and around Long Island...
> >
> > > Did he take the D7 instruction manual along? :-)
> >
> > Actually, yes, he downloaded it!
> > I dont see him either... :-(
> >
> > bob
>

Dave

--

David A. Aitcheson - KB3EFS

I am not renewing the contract with my ISP (Verio/Borg) clark-net.
Unless something changes my Email and WWW access is ending on or
just before 15 Sept 2000.

Email: KB3EFS@ARRL.NET or: CDJINTL@CLARK.NET <== Disappearing soon!

Radio: 147.225+ 147.540   224.560- 224.760- 443.650+ 444.250+

Grid: FM19MB Lat: 39N 02' 34.08" Lon: 76W 56' 22.20"

  Web: http://www.clark.net/pub/cdjintl/   <== Disappearing soon!
AOLim: cdjintl3 (home)   <== Disappearing soon!
  ICQ: 34592569   <== Disappearing soon!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

9. [htaprs] Re: Sailboat Tracking

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 1 Aug 2000 23:07:35 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-99946-2000.08.01-22.13.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 1 Aug 2000, Jeff Griffin wrote:

> Had the pacgat up last so-35 (22:30z) pass, nothing heard from kh6jjd

Hey everyone, we coiuld use the next two weeks as a magnet to get everyone
back on the air on the birds. After a few months of experimenting, I have
kind of slacked off as well as many of the other testers. How about
we try to keep the birds busy for the next two weeks?

I doubt the sailboat will be up for many passes, but when they do, it
would be nice if they saw something. And they are NOT running with

messages wildcarded, so either send them a message, or send us all a
bulletin...

Remember, we have "SUNSAT" on 145.825 UP 9600 baud and 436.250 +/- 9 Khz
down. and "UOSAT5" on 145.975 up and 435.120 +/- 9 KHz down.

See ya.

P.S. for every packet from KH6JJD, the academy Sail Boat, please tell me
about it.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] GPS - which one to choose?

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Wed, 2 Aug 2000 12:06:03 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99985-2000.08.02-05.11.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello all,

I am new on the list, so please forgive me if my question has been
discussed before.
I want to buy a new GPS to connect it to the THD7. My choice is either
the Garmin Emap or the GPS III plus.
I have no store in my region to look at the two units, especially the
GPS 3+ I have never seen. So I ask you, which one you would recommend
and how are the experiences.
I would use the unit mainly in my car.
my questions are:
Do I need a external antenna for good performance in the car?
What kind of adapter do I need to connect the Emap to an antenna with
BNC connector (is it SMA?)
The display in the emap seems to be better, is it also better readable
or just bigger than in the GPS-3 plus?
Is the 1.5 Meg adititional RAM in the GPS 3 enough, or is the memory
card of 8MB a big advantage in the emap?
Does the Emap display the Stations received from the Kenwood handy on
its map like the GPS3+ does?

many questions, I hope to find a friendly reader who knows both units
and can help me to decide.

txs,

73!
Werner
OE9FWV

Thought for the day:
    Dictatorship (n): a form of government under which everything
    which is not prohibited is compulsory.

--
PGP-Key: http://www.qsl.net/oe9fwv/oe9fwv.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] Motorola Ant. 97

From: "Robert Murdock" <wx2nj@shorenetworks.com>
Date: Wed, 02 Aug 2000 07:29:47 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99991-2000.08.02-06.35.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know if the Motorola Antenna 97 with BNC listed on the TAPR
site is compatible with the Garmin GPS II Plus?

73, Bob, WX2NJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] Re: GPS - which one to choose?

From: RASNM@aol.com
Date: Wed, 2 Aug 2000 08:18:49 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-99999-2000.08.02-07.24.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/2/00 4:06:36 AM Mountain Daylight Time, furlan@gmx.net
writes:

<< Do I need a external antenna for good performance in the car? >>

HI Werner, my Magellan 320 works fine just sitting on the dash board of my
car. It also worked fine on a ferry boat ride I took up the "inside passage,"
provided the unit was next to a window. Dashboard operation means it is
sitting there in the sun, so I protect/hide the unit if I leave the care for
a while.

There is list APRS - PLUS where the Garmin III seems to be very popular. I
saw one and was impressed by its features. I thought it would be nice to have
a remote antenna for an application deep inside an RV or boat.

Mobile APRS is great fun but quite "wire" intensive. (1.) Remote antenna for
D7A is nice, (2.) 12 V to the D7A boosts its power output, (3.) GPS
connection to D7A and GPS connection to 12 V is nice because GPS's eat
batteries (4.) I also connect my D7A to the car radio via one of those Radio
Shack "cassette" adapters. This is nice because you can monitor (on the car
radio) the local voice repeaters while your APRS is functioning on the other
channel. Now adding a remote GPS antenna would be another cable to the setup.
  Drive very carefully if your application is mobile.   ;-) At one time I
even tried to add a headset microphone to this mess.

APRS-Plus uses Street Atlas USA with computers or Palms to track multiple
positions to the street level.

 <A HREF="http://www.qsl.net/ve5dgd/">Web pages of VE5DGD, David Dunster in
Regina Saskatchewan Canada</A>

 I purchased the Magellan because it was cheaper and had a hugh data base of
marine waypoints. The so called Data Send CD leaves a lot to be desired. At
some point I may upgrade to a Garmin so your research of the emap with be of
interest to me.

By the way I have seen Garmins for sale in many sports stores and even KMart.
I saved some money and tax by Internet purchase but the Magellan arrived DOA
(sent it back). If you purchase from a store verify operation before you
leave the parking lot, though I don't think there is a high frequency of
these failures.

73-Ron
KD5HTY
Albuquerque

Many have helped me on these lists, so I thought I would respond.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] Re: GPS - which one to choose?

From: "Paul Shiller" <paul.shiller@eng.ped.gmeds.com>
Date: Wed, 2 Aug 2000 7:39:21
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100002-2000.08.02-07.44.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I currently use the eMap with my THD7(G) and am pleased with the
performance. The upgrade to the eMap software (2.5 I believe) is supposed
to support NEMA in and out so waypoints should be visible. I also use this

combination with a Palm IIIx and have had no problems. I haven't tried the
 upgraded eMap yet because my THD7 was being upgraded. By the way (for
those interested) the radio was mailed on 7/6 and back at my doorstep on
7/28 from the East Coast facility.

I would recommend the eMap although I don't have any experience with the
GPS III. The 8 meg card is optional and I don't use it. You may want it
though for your application. I would recommend the external antenna for
use inside the car. Garmin has a small connector on the back of the eMap
and I haven't seen an adapter for it to go to BNC. The antenna -I believe
- is an active antenna which requires power from the eMap (?).

Paul Shiller N8SIG
paul.shiller@eng.ped.gmeds.com

On 08/02/00, ""Dr. Werner Furlan" <furlan@gmx.net>" wrote:
> hello all,
>
> I am new on the list, so please forgive me if my question has been
> discussed before.
> I want to buy a new GPS to connect it to the THD7. My choice is either
> the Garmin Emap or the GPS III plus.
> I have no store in my region to look at the two units, especially the
> GPS 3+ I have never seen. So I ask you, which one you would recommend
> and how are the experiences.
> I would use the unit mainly in my car.
> my questions are:
> Do I need a external antenna for good performance in the car?
> What kind of adapter do I need to connect the Emap to an antenna with
> BNC connector (is it SMA?)
> The display in the emap seems to be better, is it also better readable
> or just bigger than in the GPS-3 plus?
> Is the 1.5 Meg adititional RAM in the GPS 3 enough, or is the memory
> card of 8MB a big advantage in the emap?
> Does the Emap display the Stations received from the Kenwood handy on
> its map like the GPS3+ does?
>
> many questions, I hope to find a friendly reader who knows both units
> and can help me to decide.
>
> txs,
>
> 73!
> Werner
> OE9FWV
>
>
> Thought for the day:
>   Dictatorship (n): a form of government under which everything
>   which is not prohibited is compulsory.
>
> --
> PGP-Key: http://www.qsl.net/oe9fwv/oe9fwv.asc
> SMS: +436646340014@text.mobilkom.at
> Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Compaq C-1520 or Palm IIIe ??

From: "ROYSSAS THEOFANIS" <troys@tee.gr>
Date: Wed, 02 Aug 2000 18:35:21 +0300
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100034-2000.08.02-10.37.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/html

Greetings to all of you from Athens,

i have a TH-D7E and just before a week i

got a Garmin GPS 12. I'm planning now to

buy a palmtop, and with the money i have to

spend i can get the Compaq C-1520 or the

Palm IIIe.

I want to start with APRS and i don't know

much about it. Which one is better for APRS ?

Is it easy to find software ? especially is there

any chance to find somewhere maps of Athens ?

Any help ore comment will be much appreciated.

73s de SV1BGM .... Fanis.........................

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: Sailboat Tracking

From: Robert Marley <13764@UDel.Edu>
Date: Wed, 02 Aug 2000 16:01:25 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-100074-2000.08.02-15.07.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is the digi path to use on the sat's? Will APRSAT work on all? I
could not find a list of this anywhere.

        Also look for N3OBQ-7 this weekend on the Chesapeake bay. Racing the
Governor's Cup Race to St. Mary's city. Start is Friday evening off of
Annapolis, all night to the finish. Boat is a J/42 named Falcon.

Robert Marley N3OBQ

Bob Bruninga wrote:
>
> On Mon, 31 Jul 2000, Mike Edwards wrote:
>
> > You didn't mention where he's headed..
>
> Annapoolis, to Norfolk, to New York and around Long Island...
>
> > Did he take the D7 instruction manual along? :-)
>
> Actually, yes, he downloaded it!
> I dont see him either... :-(
>
> bob
>
> ---
> You are currently subscribed to htaprs as: 13764@UDEL.EDU
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] Re: Sailboat Tracking

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 2 Aug 2000 17:21:16 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-100087-2000.08.02-16.27.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SUNSAT and UOSAT5. APRSAT should work on SO35 too, but it seems to come
and go depending on the software load..

bob

On Wed, 2 Aug 2000, Robert Marley wrote:

> What is the digi path to use on the sat's? Will APRSAT work on all? I
> could not find a list of this anywhere.
>
>   Also look for N3OBQ-7 this weekend on the Chesapeake bay. Racing the
> Governor's Cup Race to St. Mary's city. Start is Friday evening off of
> Annapolis, all night to the finish. Boat is a J/42 named Falcon.
>
> Robert Marley N3OBQ
>
> Bob Bruninga wrote:
> >
> > On Mon, 31 Jul 2000, Mike Edwards wrote:
> >
> > > You didn't mention where he's headed..
> >
> > Annapoolis, to Norfolk, to New York and around Long Island...
> >
> > > Did he take the D7 instruction manual along? :-)
> >
> > Actually, yes, he downloaded it!
> > I dont see him either... :-(
> >
> > bob
> >
> > ---
> > You are currently subscribed to htaprs as: 13764@UDEL.EDU
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] getting the th7d mic encode

From: "bdevine" <bdevine@charter.net>
Date: Wed, 2 Aug 2000 21:22:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100136-2000.08.02-21.27.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

how do you set the thd7a to do micencode format

18. [htaprs] Re: getting the th7d mic encode

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Wed, 02 Aug 2000 21:50:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-100137-2000.08.02-21.55.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> bdevine wrote:
>
> how do you set the thd7a to do micencode format

I beleive it is only Mic-E encoded by default and I
don't remember it being an option.. I will have to try
to find my manual, :-(

Robbie

--

Are we having fun yet?
73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] re: choose which GPS ?

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Thu, 3 Aug 2000 10:51:28 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100194-2000.08.03-03.57.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello all,

I got very informative comments from Norman, Russ, Scott, Keith, Paul
and Ron, where they explained how they made their choice and why they
are all content with the unit they have. So both units are very nice.
The decision is not so easy but I am more informed than before.
my choice is going towards the GPS III plus because:

the unit has a better battery life
it seems to be easier to fix in a car because horizontal position is
possible
it has standard BNC plug for external antenna and if necessary I can
use the antenna of the unit and with some meters of RG58 I have it
outside the Van / boat / house
it is easier to connect to a external voltage supply (12 V without
voltage regulation possible)
the map RAM of 1.5 MB is enough for my purpose
I use it mainly in the car, so size and weight is not so important
I live in a mountainous region with many woods so maybe a external
antenna will be better than built in.

thank you all who have answered, it is very much appreciated.

73!
Werner
OE9FWV

Thought for the day:
Concerto (n): a fight between a piano and a pianist.

--
PGP-Key: http://www.qsl.net/oe9fwv/oe9fwv.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] re: choose which GPS ?

From: RASNM@aol.com
Date: Thu, 3 Aug 2000 06:48:17 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100197-2000.08.03-05.54.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/3/00 2:54:03 AM Mountain Daylight Time, furlan@gmx.net
writes:

<< I live in a mountainous region with many woods so maybe a external
antenna will be better than built in.

thank you all who have answered, it is very much appreciated. >>

Werner ! you will have fun with your D7A and the GPS. I am fascinated by both
technologies (but no expert). One of the things I like to do is document
photograph locations by making a waypoint in the GPS. Later these positions
can be downloaded to Street Atlas.

73-R

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] Re: GPS - which one to choose?

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 3 Aug 2000 10:05:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100287-2000.08.03-11.12.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Dr. Werner Furlan" <furlan@gmx.net> wrote:

>I want to buy a new GPS to connect it to the THD7. My choice is either
>the Garmin Emap or the GPS III plus.
>I would use the unit mainly in my car.
>my questions are:
>Do I need a external antenna for good performance in the car?

You might. It depends on the vehicle, especially because of variations in the window glass (tinted or clear). I have seen cases of older vehicles with clear glass in which the GPS receiver can be located anywhere and still work, even on the floor between the front seats. Luckily the approximately 1500 MHz signals do a good job of bouncing around the interior of most vehicles. I have also seen cases of newer vehicles with heavy window tinting in which the reception is slightly poor even with the GPS sitting far forward on the dashboard. The slope of the windshield is a factor - the antenna needs a clear view of most of the sky, which is not easy if the windshield is nearly vertical.

An external antenna can provide some important benefits:

1) You can place it on the vehicle roof for a completely unobstructed view of the sky. This will give you better position fixes on average because more satellites are visible at any one time, and also because you don't have to worry about the receiver taking a long time to lock onto the signal from a satellite that was just "revealed" when your vehicle changed directions. Not everybody wants to leave an antenna exposed to the weather or vandals though.

2) It can allow you to hold the GPS receiver close for viewing while still receiving good signals with the antenna placed well forward on the dashboard.

3) Many of the remote antennas also include low noise amplifiers, so your GPS signal reception will probably improve. This is important if you drive in places where there is heavy tree cover. Also see my point #1 above.

So at the very least you should select a GPS that will accept an external antenna. You don't have to buy the antenna unless you find out that the signal quality isn't sufficient without it.

***

Another person responded about the physical mess that can result from all the wires going between all the different pieces of equipment. At least the THD7 combines the radio and the TNC. That eliminates one cable, but if you find that 5 watts isn't enough transmit power, you might end up adding an amplifier so there's another cable. I think that you are getting the idea that doing the installation well takes a lot of work.

In my case I used to use a handheld GPS with a remote antenna in my tracker. The mess of wires was intolerable, especially to my passengers. My solution was to install the cables permanently in hidden places, and to buy a second GPS to be permanently installed in the vehicle. It's a Garmin 35 which has no display or keyboard, no user interface of any kind. There are other manufacturers to choose from as well: Rockwell makes a GPS receiver that isn't even inside a case, Pharos makes a very small receiver with a case. You can get specific recommendations about those from other people who read this list.

I wouldn't recommend a no-interface GPS if it's your first GPS purchase though - you will probably want to be able to make use of it handheld from time to time. It's a large investment, so that makes a lot of sense.

If you really will use the GPS primarily in the car, then the Garmin III+ is much easier than the EMap to install well. It sits low on the dashboard and there is a nice quick-release dashboard mount available.

73,
Tony KD7TA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] SMA to BNC Adapter

From: "Anthony Parise" <aparise@fast.net>
Date: Fri, 4 Aug 2000 0:15:54
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100471-2000.08.04-00.21.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you with a similar dislike of the TH-D7 antenna connector and antenna to my own, I have found an SMA to BNC adapter that can be left on the 'D7. It is working out well for me and I thought I'd pass it along. I have a writeup on my web page: http://www.qsl.net/wa3hrl. No, I'm not selling it, nor do I get a commision, I'm just passing it along for those of you who may find it as useful as I do.

Tony Parise
WA3HRL
wa3hrl@qsl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] Update from Kenwood UK on THD-700S, THD-7E etc

From: "Simon J Hopkins" <aprs@skewsby.demon.co.uk>
Date: Fri, 4 Aug 2000 10:57:30 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100527-2000.08.04-05.03.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The following is the text of an email sent to me by David Wilkins of Kenwood UK:

Firstly, re the sub-versions of the D700E. In Japan they have a far more developed Novice system and (I've head rumoured) have a million novices - so many in fact that they aren't in the callbooks! As these novices use low power, there are in turn many low-powered versions of the different radios, so for example in Japan we sell the TS-570 in 10 Watt, 50 Watt and 100 Watt versions. In the West, a 10 watt TS-570 wouldn't be much use so we don't import it!

In Europe, we have the 50 Watt D700 as the TM-D700E. In Japan this is known as the D700S with built-in TNC. There is also a 20 Watt low power version with TNC called the D700 (no added suffix letter). The V708S is the non-TNC high-power version - the V708 is the low-power non-TNC version.

A V708S is really similar to the TM-V7E, so it wouldn't really fit in our product range.

I don't think that these units have a built-in GPS - the adverts seem to mention connection to external units such as our own Japanese-market one. They are also designed to link to the home market in-car CD-ROM based GPS navigation system known as "Navitra". This is a merger between the CD-nav systems sold in car HiFi shops, and APRS/Ui-View. There isn't a comparable system in the west, mainly due to the cost of the CD-ROM hardware being more than Amateurs want to pay, whilst non-Amateurs don't want or need the radio aspects.

Re the Version 2 TH-D7E, this is the only model in our range where two Western countries have diverging models. As KISS mode was not of much interest to the USA, their version 2 radio, the (G) version, majored on changes to the GPS handling as that was more important to them. They are now quite different radios to suit local market conditions.

++
+++

I hope that this is of interest to the UK subscribers and maybe even the US ones.

Regards

Simon Hopkins
G8PXB

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] Smoke and Fire

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Aug 2000 19:03:56 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100665-2000.08.04-18.10.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WHile I cannot even come close to matching the losses and sacrificies in the name of APRS as Steve (Lost his home to a Hurricane while at DCC, Lost much equipment to a recent burglary, and others), I had a minor skirmish you may find amusing...

I curse Sony and Zenith for their inverted power connectors.

The 14 USNA Boats got underway this morning at 7 AM, and I had 13 of them with working old zenith laptops when I left last night. On the way home last night, I realized I could just pull out my old Zenith from my car and do a quick substitution pierside this morning.

So, I did. I unplugged the laptop, but then dropped by my office to run in and use my personal laptop to calculate a V# for the Boat's call and then ran back to my car...

But when I returned to my car, black smoke was pouring out the windows! My between seats console was on fire, flames engulfing the laptop on all sides. I jerked it out (it landed open, upside down, about 6 feet away on the concrete. Now I could see the Kenwood D700 was in flames. I smothered it with an APRS T shirt, which also caught fire and had to be stomped to ashes.

Car was saved, nothing but the Kenwood and Tshirt was lost. Zenith Laptop still worked and was placed on the boat and they got underway with 5 minutes to spare. (All ashore thats going ashore... etc)

The forensics show that the (curse Zenith and Sony) inverted barrel DC connector which has +12 on the OUTSIDE had dropped between the seats and had contacted the seat mechanism. Since I had used a "normal" power cord with the Fuse in the + (center) lead, the (curse Sony and Zenith) outer (now +) lead was now in fact, unfused. Ergo, smoke and fire. THis lit the case of the D700 on fire which then provided the fuel to begin burning the console...

Actually, the D700 may still work. 50% of the plastic front cowling is totally burned/charred/melted plastic, both the Mic and front panel connectors are now bare burned copper and the plastic RJ connectors are all melted together. But once I carve them out, to remove the copper-to-copper shorts, we may just get lucky if nothing internal got burned. (Later... nope, its back to kenwood time...)

Curse SOny and Zenith...

ALso, PCElectronics (ATV MFR) used to put 12 volts on the tip of sub mini phone plugs to power his ATV downconverters. I guaranteed him that EVERY time you take ATV mobile/portable in a car, that TIP is going to hit something. In fact, it shorts every time you plug it in and unplug it! No big deal when you power it from a 50 ma wall wart. But a disaster when you power it from any kind of battery with your portable ATV transmitter. Even if you fuse it, you guarantee to blow a fuse every time you plug it in or drop it, or whatever.. Finally I convinced him how bad that was and he switched to standard DC barrels years ago...

So watch those plugs!

Oh, for a picture, see http://web.usna.navy.mil/~bruninga/KwdSmoke.jpg

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Re: Smoke and Fire

From: John D Erskine <VA7JD@rac.ca>
Date: Fri, 04 Aug 2000 17:51:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100688-2000.08.04-21.11.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Damn Standard too!

That's a heck of a mess Bob. Went to the trouble of firing up Comit and
going on line to retrive the jpg, Wow!
I once used a 1/4 inch phone jack as a DC power connection back when I was
a kid, never again.

Ran into the Standard non-standard approach, which is same as Sony and
Zenith, when my now ex picked up an HT of theirs at Dayton one year. Next
year I was back asking them what gave. Their answer, not a pun, was that it
was standard. Hmph! Apparently for "consumer" electronic devices. Told them
about 12 VDC swinging around the vehicle cockpit. They weren't as
interested as in the theoretical safety it gave them in either not draining
the batteries or what ever when a unit was plugged into external power. I
think something to do with the jack's switching of one side vice the other.
Told them I'd rewire it if it was mine. Cut traces and everything.

Matter of fact my trusty Tandy Model 100 laptop and portable drive use 6
VDC + on the outside of the coaxial barrel too.

At 19:03 4/8/00 -0400, Bob Bruninga wrote:
>WHile I cannot even come close to matching the losses and sacrificies in
>the name of APRS as Steve (Lost his home to a Hurricane while at DCC, Lost
>much equipment to a recent burglary, and others), I had a minor skirmish
>you may find amusing...
>
>I curse Sony and Zenith for their inverted power connectors.
chomp
>curse Zenith and Sony
>curse Sony and Zenith
>Curse SOny and Zenith...
>So watch those plugs!
>Oh, for a picture, see http://web.usna.navy.mil/~bruninga/KwdSmoke.jpg
>
>de WB4APR, Bob
/chomp mini-edit

73 JD
John D Erskine mailto:VA7JD@rac.ca APRS call mailto:VA7OTC@rac.ca
VA7JD VE3/VE6/VA7OTC Victoria BC - Vancouver Island CN88JH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Re: Smoke and Fire

From: Skip Allison <sallison@megsinet.net>
Date: Fri, 04 Aug 2000 22:31:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100703-2000.08.04-22.38.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry to hear about your loss, Bob. Hope the D700 is still under
warranty!

Skip
K9SA

Bob Bruninga wrote:
>
> WHile I cannot even come close to matching the losses and sacrificies in
> the name of APRS as Steve (Lost his home to a Hurricane while at DCC, Lost

> much equipment to a recent burglary, and others), I had a minor skirmish
> you may find amusing...
>
> I curse Sony and Zenith for their inverted power connectors.
>
> The 14 USNA Boats got underway this morning at 7 AM, and I had 13 of them
> with working old zenith laptops when I left last night. On the way home
> last night, I realized I could just pull out my old Zenith from my car and
> do a quick substitution pierside this morning.
>
> So, I did. I unplugged the laptop, but then dropped by my office to
> run in and use my personal laptop to calculate a V# for the Boat's call
> and then ran back to my car...
>
> But when I returned to my car, black smoke was pouring out the windows!
> My between seats console was on fire, flames engulfing the laptop on all
> sides. I jerked it out (it landed open, upside down, about 6 feet away on
> the concrete. Now I could see the Kenwood D700 was in flames. I
> smothered it with an APRS T shirt, which also caught fire and had to be
> stomped to ashes.
>
> Car was saved, nothing but the Kenwood and Tshirt was lost. Zenith Laptop
> still worked and was placed on the boat and they got underway with 5
> minutes to spare. (All ashore thats going ashore... etc)
>
> The forensics show that the (curse Zenith and Sony) inverted barrel DC
> connector which has +12 on the OUTSIDE had dropped between the seats and
> had contacted the seat mechanism. Since I had used a "normal" power cord
> with the Fuse in the + (center) lead, the (curse Sony and Zenith) outer
> (now +) lead was now in fact, unfused. Ergo, smoke and fire. THis lit
> the case of the D700 on fire which then provided the fuel to begin burning
> the console...
>
> Actually, the D700 may still work. 50% of the plastic front cowling is
> totally burned/charred/melted plastic, both the Mic and front panel
> connectors are now bare burned copper and the plastic RJ connectors are
> all melted together. But once I carve them out, to remove the
> copper-to-copper shorts, we may just get lucky if nothing internal got
> burned.   (Later... nope, its back to kenwood time...)
>
> Curse SOny and Zenith...
>
> ALso, PCElectronics (ATV MFR) used to put 12 volts on the tip of sub mini
> phone plugs to power his ATV downconverters. I guaranteed him that EVERY
> time you take ATV mobile/portable in a car, that TIP is going to hit
> something. In fact, it shorts every time you plug it in and unplug it!
> No big deal when you power it from a 50 ma wall wart. But a disaster when
> you power it from any kind of battery with your portable ATV transmitter.
> Even if you fuse it, you guarantee to blow a fuse every time you plug it
> in or drop it, or whatever.. Finally I convinced him how bad that was and
> he switched to standard DC barrels years ago...
>
> So watch those plugs!
>
> Oh, for a picture, see http://web.usna.navy.mil/~bruninga/KwdSmoke.jpg
>
> de WB4APR, Bob
>
> ---
> You are currently subscribed to htaprs as: sallison@megsinet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Re: Smoke and Fire

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Fri, 04 Aug 2000 22:40:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100706-2000.08.04-22.46.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Warranties don't cover fire, especially if caused by another
device.   Perhaps homeowner's insurance might cover the loss. I had a
buddy who had a mobile HF rig stolen out of his car.   Car insurance
wouldn't cover it, but his insurance agent asked if he ever used the rig in

his house. And when he said yes, it was in a quick-release bracket, and he used it often in his house, they cut him a check.

Mark
KC7BXS

At 10:31 PM 8/4/00, Skip Allison wrote:

>Sorry to hear about your loss, Bob. Hope the D700 is still under
>warranty!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Re: SMA to BNC Adapter

From: "John R Stengel" <jstengel@cinci.rr.com>
Date: Sat, 5 Aug 2000 00:02:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100710-2000.08.04-23.08.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Like Tony I am using the SMA to BNC from Steve KC2BHO and have been extremely satisfied. The connector screws on tight and stays tight. I change antennas quite often and this connector makes it very easy without excessive strain on the SMA connector on the radio.

Like Tony I am using the SMA to BNC from Steve KC2BHO and have been
extremely satisfied. The connector screws on tight and stays tight. I change
antennas quite often and this connector makes it simple to change without
putting extra strain on the SMA connector on the radio. Like Tony I am not
getting any commission, but I am a satisfied customer.

Thank You,

John, W8UC
john@amsat.org

----- Original Message -----
From: Anthony Parise <aparise@fast.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, August 04, 2000 12:15 AM
Subject: [htaprs] SMA to BNC Adapter

> For those of you with a similar dislike of the TH-D7 antenna connector and
> antenna to my own, I have found an SMA to BNC adapter that can be left on
> the 'D7. It is working out well for me and I thought I'd pass it along.
I
> have a writeup on my web page: http://www.qsl.net/wa3hrl. No, I'm not
> selling it, nor do I get a commision, I'm just passing it along for those
> of you who may find it as useful as I do.
>
> Tony Parise
> WA3HRL
> wa3hrl@qsl.net
>
> ---
> You are currently subscribed to htaprs as: jstengel@cinci.rr.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Re: Smoke and Fire

From: fclarke <fclarke@erols.com>
Date: Sat, 05 Aug 2000 00:25:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-100719-2000.08.04-23.20.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Which is why I whacked all sorts and kinds of connectors off my various
things and standardized on Anderson Powerpoles!! Added benny is that
everything is compatible with everything else in my car, shack, flying
machine, backpack, batteries, power supplies,etc.

Sure glad you weren't inside for a long session!!

73 de Tom/W4OKW
Pax River

John D Erskine wrote:
>
> Damn Standard too!
>
> That's a heck of a mess Bob. Went to the trouble of firing up Comit and
> going on line to retrive the jpg, Wow!
> I once used a 1/4 inch phone jack as a DC power connection back when I was
> a kid, never again.
>
> Ran into the Standard non-standard approach, which is same as Sony and
> Zenith, when my now ex picked up an HT of theirs at Dayton one year. Next
> year I was back asking them what gave. Their answer, not a pun, was that it
> was standard. Hmph! Apparently for "consumer" electronic devices. Told them
> about 12 VDC swinging around the vehicle cockpit. They weren't as
> interested as in the theoretical safety it gave them in either not draining
> the batteries or what ever when a unit was plugged into external power. I
> think something to do with the jack's switching of one side vice the other.
> Told them I'd rewire it if it was mine. Cut traces and everything.
>
> Matter of fact my trusty Tandy Model 100 laptop and portable drive use 6
> VDC + on the outside of the coaxial barrel too.
>
> At 19:03 4/8/00 -0400, Bob Bruninga wrote:
> >WHile I cannot even come close to matching the losses and sacrificies in
> >the name of APRS as Steve (Lost his home to a Hurricane while at DCC, Lost
> >much equipment to a recent burglary, and others), I had a minor skirmish
> >you may find amusing...
> >
> >I curse Sony and Zenith for their inverted power connectors.
> chomp
> >curse Zenith and Sony
> >curse Sony and Zenith
> >Curse SOny and Zenith...
> >So watch those plugs!
> >Oh, for a picture, see http://web.usna.navy.mil/~bruninga/KwdSmoke.jpg
> >
> >de WB4APR, Bob
> /chomp mini-edit
>
> 73 JD
> John D Erskine mailto:VA7JD@rac.ca APRS call mailto:VA7OTC@rac.ca
> VA7JD VE3/VE6/VA7OTC Victoria BC - Vancouver Island CN88JH
>
> ---
> You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] Re: Smoke and Fire <LYR3720-100706-2000.08.04-22.46.39--N4WYK#INFOAVE.NET@lists.tapr.org>

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Sat, 05 Aug 2000 09:07:07 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100819-2000.08.05-08.11.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI... Things vary from state in the insurance world. NORMALLY the auto
policy will not cover a ham radio without an endorsement to the auto policy.
They are not always economical if you calculate it out. However, any
smoke/fire damage to Bob's vehicle should be covered by his FTC (Fire,
Theft, Comprehensive) coverage on his auto insurance should he have this
coverage. The radio itself "MIGHT" be covered by the homeowner policy
depending on how it is written and unfortunately sometimes on "how" it is
reported to the company. Not saying to lie about it but sometimes they
don't understand the Ham Radio community and how our items work. There
"USED" to be a caveat in some homeowner policies whereby if the radio could
be powered off a source in your home other than the auto it was covered. So
Mark was correct in his statement below. However, there was an exclusion
something to the effect that if it was powered by the auto that it was
excluded. So we are back to the ambiguity. Then if you were "transporting"
the radio from one place to another in your vehicle it was covered by your
homeowner policy. Since I'm in NC our policies are a LOT different than the
rest of the world on occassion. Go figure... Unfortunately insurance

policies are written by politicians or lawyers generally and can be
ambigious. Guess I need to add a webpage about insurance sometime but then
that would require more research on my part!Hi. I can only assume my message
is as confusing as the policy itself. Hope it helps some. Bottom line is
REALLY read your policy and tie down your agent. BUT remember agents sell it
... They don't have to fix it or handle the claim generally. Might be
better to find an adjuster for your area and ask him for the real scoop!
73...

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.Net
N4WYK@AMSAT.Org
N4WYK@ARRL.Net
WORK - Tiltonr@nationwide.com
Foothills of North Carolina APRS Website: http://web.infoave.net/~n4wyk

>
> Warranties don't cover fire, especially if caused by another
> device.   Perhaps homeowner's insurance might cover the loss. I had a
> buddy who had a mobile HF rig stolen out of his car.   Car insurance
> wouldn't cover it, but his insurance agent asked if he ever used
> the rig in
> his house. And when he said yes, it was in a quick-release
> bracket, and he
> used it often in his house, they cut him a check.
>
> Mark
> KC7BXS
>
> At 10:31 PM 8/4/00, Skip Allison wrote:
>
> >Sorry to hear about your loss, Bob. Hope the D700 is still under
> >warranty!
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] Re: Smoke and Fire <LYR3720-100706-2000.08.04-22.46.39--N4WYK#INFOAVE.NET@lists.tapr.org>

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Sat, 5 Aug 2000 10:02:25 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100826-2000.08.05-09.14.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm really wondering why there is so much titter about homeowner's policies.
The tilt on politicians and lawyers was unique, I live in NC and have never
had any question about any of my insurance policies. I have lived in NY,
FL, and NE and had no problems either. Maybe it's the democrats in office
here in NC that are causing an insurance ambiguity problem. I bet it is.

If the radio was covered under the ARRL insurance plan, there would be no
questions being asked about replacement of the radio. Yes, all of my radio
equipment is covered under the ARRL insurance plan, and has been covered for
several years. If Bob has this insurance, he's already contacted them about
it and a new radio should have been on the way by now. No adjusters to
figure out what a two-way radio even is, no debate if it is used inside the
house more than it is in the car, no worry that it won't be covered under
auto or homeowners...

Todd Ellis, N2XL
Raleigh, NC

----- Original Message -----
From: Rick Tilton <N4WYK@InfoAve.Net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Saturday, August 05, 2000 9:07 AM
Subject: [htaprs] Re: Smoke and Fire
<LYR3720-100706-2000.08.04-22.46.39--N4WYK#INFOAVE.NET@lists.tapr.org>

> FYI... Things vary from state in the insurance world. NORMALLY the auto
> policy will not cover a ham radio without an endorsement to the auto
policy.

> They are not always economical if you calculate it out. However, any
> smoke/fire damage to Bob's vehicle should be covered by his FTC (Fire,
> Theft, Comprehensive) coverage on his auto insurance should he have this
> coverage. The radio itself "MIGHT" be covered by the homeowner policy
> depending on how it is written and unfortunately sometimes on "how" it is
> reported to the company. Not saying to lie about it but sometimes they
> don't understand the Ham Radio community and how our items work. There
> "USED" to be a caveat in some homeowner policies whereby if the radio
could
> be powered off a source in your home other than the auto it was covered.
So
> Mark was correct in his statement below. However, there was an exclusion
> something to the effect that if it was powered by the auto that it was
> excluded. So we are back to the ambiguity. Then if you were "transporting"
> the radio from one place to another in your vehicle it was covered by your
> homeowner policy. Since I'm in NC our policies are a LOT different than
the
> rest of the world on occassion. Go figure... Unfortunately insurance
> policies are written by politicians or lawyers generally and can be
> ambigious. Guess I need to add a webpage about insurance sometime but then
> that would require more research on my part!Hi. I can only assume my
message
> is as confusing as the policy itself. Hope it helps some. Bottom line is
> REALLY read your policy and tie down your agent. BUT remember agents sell
it
> ... They don't have to fix it or handle the claim generally. Might be
> better to find an adjuster for your area and ask him for the real scoop!
> 73...
>
> Rick Tilton
> ARS - N4WYK
> N4WYK@Infoave.Net
> N4WYK@AMSAT.Org
> N4WYK@ARRL.Net
> WORK - Tiltonr@nationwide.com
> Foothills of North Carolina APRS Website: http://web.infoave.net/~n4wyk
>
> >
> > Warranties don't cover fire, especially if caused by another
> > device.   Perhaps homeowner's insurance might cover the loss. I had a
> > buddy who had a mobile HF rig stolen out of his car.   Car insurance
> > wouldn't cover it, but his insurance agent asked if he ever used
> > the rig in
> > his house. And when he said yes, it was in a quick-release
> > bracket, and he
> > used it often in his house, they cut him a check.
> >
> > Mark
> > KC7BXS
> >
> > At 10:31 PM 8/4/00, Skip Allison wrote:
> >
> > >Sorry to hear about your loss, Bob. Hope the D700 is still under
> > >warranty!
> >
>
>
> ---
> You are currently subscribed to htaprs as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] Re: htaprs digest: August 04, 2000

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Sat, 05 Aug 2000 11:35:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100863-2000.08.05-10.35.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> TAPR Hot Technology APRS Digest for Friday, August 04, 2000.
>

> Subject: Smoke and Fire
> From: Bob Bruninga <bruninga@nadn.navy.mil>
> Date: Fri, 4 Aug 2000 19:03:56 -0400 (EDT)
> X-Message-Number: 3
> <SNIP>
> Curse SOny and Zenith...
>

Bob. \
Has dissimmular experience with Kenwood 741 w/ head remoted.
Car has #4 fused +/- at both battery & trunk then to power distribution
block also +/- fused then to individual power cords also +/- fused.
BUT, Kenwood puts unfused 12v on remote cable to head, which,
of course shorted out. Resulted in remote cable burnt in half,
and trace damage to CPU and all three RF decks.
If the unit hadn't been mounted on shock mounted stainless steel plate,
fire in trunk or totaled car, would have occured.
Severe pitting on plate under remote cable burn through.
APRS & other radios in trunk would have been lost too.
           SAFETY FIRST, SECOND & THIRD !!!!   DB

Hamilton Co. TN ARES EC
Lookout / TAG / MRX = SKYWARN B/I/A
CARC / OARS / Red Cross DAT
FEMA / TEMA ICS-EOC-Haz Mat

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] SMA connector assembly

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 05 Aug 2000 11:46:18 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100868-2000.08.05-10.53.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have instructions for the proper assembly of a male SMA
connector? My best guess at assembling the connector results in coax that
slides out of the connector, which is not a good thing for my D7A
transmitter!

Thank you,

Stan "clueless in SMA-land" Horzepa, WA1LOU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] Re: Smoke and Fire

From: Dale Blanchard <bolero@accessnv.com>
Date: Sat, 05 Aug 2000 09:21:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-100882-2000.08.05-12.58.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

fclarke wrote:
>
> Which is why I whacked all sorts and kinds of connectors off my various
> things and standardized on Anderson Powerpoles!! Added benny is that
> everything is compatible with everything else in my car, shack, flying
> machine, backpack, batteries, power supplies,etc.

I just found out last month that APRS has standardized on one polarity
for the powerpoles(the one I have been using for years)
and that ARES has standardized on the opposite polarity.
My brother says Utah has standardized on the opposite polarity from
APRS. I just remember what mine is and look at it before using. It is

nice to be able to split them and reverse it, or install an ampmeter.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] TM-D700A Mike Gain?

From: Dave Hungerford <dave@hungerford.cc>
Date: Sun, 06 Aug 2000 07:50:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100974-2000.08.06-06.56.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

People complain that my audio is very low on my TM-D700. Where is the pot
for the mike gain on the TM-D700? Where can I find a technical manual? Thanks.
                        Dave N1OLX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: TM-D700A Mike Gain?

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Sun, 6 Aug 2000 09:59:46 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-100990-2000.08.06-09.26.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I also need this information; I asked this several months ago and have
received no response from anyone. Time to call Kenwood again?

Todd Ellis, N2XL
Raleigh, NC

----- Original Message -----
From: Dave Hungerford <dave@hungerford.cc>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Sunday, August 06, 2000 7:50 AM
Subject: [htaprs] TM-D700A Mike Gain?

> People complain that my audio is very low on my TM-D700. Where is the pot
> for the mike gain on the TM-D700? Where can I find a technical manual?
Thanks.
>   Dave N1OLX
>
> ---
> You are currently subscribed to htaprs as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: Smoke and Fire

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sun, 06 Aug 2000 16:54:59 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-101010-2000.08.06-10.57.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Damn Standard too!
>

Reminds me of my standard C-78, that took power through a 2.5mm jack plug -
BUT with a slightly wider than normal bit of insulation between the tip and
the stem - a regular one shorts on insertion... :)   (ouch)

Carl gw0tqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] here is a program that i think any one running windows ce 2.0 and mips processor will find interesting

From: "bdevine" <bdevine@charter.net>
Date: Sun, 6 Aug 2000 18:29:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101063-2000.08.06-18.35.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Empty message body]
[Attachment: pakrattce-mips.zip; application/x-zip-compressed; 154,259 bytes]

39. [htaprs] TM-D700A Status Text help

From: Denis Greig <dgreig@picknowl.com.au>
Date: Mon, 07 Aug 2000 09:50:01
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101072-2000.08.06-19.21.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'day All,
        Well I was able to finially get my hands on a TM-D700A on Friday, what a great radio (and I thought my TH-D7A was good!)

One thing I have not been able to figure out is the sending of Status Text.
I have two Status Text messages stored via Menu option 3-9
The second one I have selected to USE is "VK5PC TM-D700 at home"
I can read this info into the PC when I save it using the Kenwood comms s/ware, so it is stored in the radio Ok

When I send a Beacon all that is received as the Status Text, by the TH-D7A or Ui-View, is a]
If I turn on the GPS Rx and select NMEA from the menu the Status text received changes to]"4I}
I have reset the radio and reloaded it from the PC with no improvement to the Status text received.
Position Comment (In Service), Position info (35.00.22S, 138.32.02 E), and Messages transmission are received Ok

By monitoring the channel I believe the data transmitted by the radio is,
>SPR0R2,Relay*,WIDE <UI R>:'B<#1 #-/]
(this copy of Eudora will not print a square solid block so I have replaced it with a #)

What have I missed ? its gotta be something simple (I hope!)

One thing I was disappointed with was that the VOICE REPEATER funtion has been disabled, although it is still in the menu.
How can this feature reactivated for my TM-D700A (export) model ?

Any help you guys can give me will be much appreciated.

73
Denis VK5PC

e-mail: vk5pc@bigfoot.com

Denis Greig
18 Louise Ave
Warradale 5046
South Australia

e-mail: vk5pc@bigfoot.com
Ph (w): +618 8401 6740
Fax(w): +618 8410 1859
ph (h): +618 8377 1374
Homepage: http://www.picknowl.com.au/homepages/dgreig/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Re: Smoke and Fire

From: Dale Blanchard <bolero@accessnv.com>
Date: Sun, 06 Aug 2000 18:23:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-101081-2000.08.06-20.23.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Carl Littlejohns wrote:
>
> > Damn Standard too!
I have a Sony cd player and my son has a Sony cd player , each one has
diferent polarity. for the 12 vold plug to 9v. they both use 4 aa cells,
but none of the accessories interchange.
 but the power plugs fit, just dont work because of the bloking diods..
I hate Sony for there dumb things. every month they go from 9 volts to 6
volts then to + polarity then to - polarity then back to 6 volts and it
just keeps on forever.
Most of my new american made stuff runs on 6 to 32 volts center pin
positive. With a very efficient switching power supply.
It is a nice standard because you can use it in your car a 24 volt truck
or an airplane.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] Interesting THD-7A(G) APRS+AS Problem

From: kk5yy@arrl.net (Gerald Schmitt)
Date: Mon, 07 Aug 2000 02:16:18 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101087-2000.08.06-21.22.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy Guys,

After functioning quite perfectly for a year now my THD-7 no longer
gets along with APRS+SA. G mods were installed at Dayton and
it seemed to work fine between Dayton and Indianapolis.

I noticed on the way to Flagstaff that suddenly my moving map wasn't.
A quick poke of tie "POS" button revealed that once again I was at
00.00.00 by 00.00.00. This is after working perfectly for several
hundred miles.

If one switched the THD-7 to beacon it immediately locked up
with the GPS and began beaconing my correct position.

I have tried this several time since then and have had much the
same results. The program starts and functions for some time
then the radio can no longer read the GPS data stream.
Something seems to be changing the setting of the GPS port
in packet mode.

I have tried other GPS units with the same result. Any suggestions
would be most welcome.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] Mounting TM-D700 Control Head

From: "Billy Mason, KD5KNR" <kd5knr@yahoo.com>
Date: Mon, 7 Aug 2000 05:53:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101159-2000.08.07-05.57.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have any suggestions for mounting the control head of a D700 in a '99 Ford Explorer? The radio itself, fits fine under the back seats... plenty of breathing room when even when they are folded down.

Also, where might the best place for the power source be? It appears there is no easy place/way to get bridge through the firewall. I am currently utilizing the utility plug on the console, but with after reading the latest "Up In Smoke" stories... I really don't want to utilize it as a permanent power source.

Billy Mason, KD5KNR

43. [htaprs] Re: Mounting TM-D700 Control Head

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Mon, 7 Aug 2000 09:38:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101192-2000.08.07-10.44.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I installed a remote radio in an explorer with a friend. We ran power under the vehicle using good-oil and weather DC zip cord. If you look under the passenger seat behind the driver, there is a gap in the carpet. Under the carpet is a rubber grommet. You can put the power up into that grommet (use silicon to seal it). The radio can mount right there as well. For the control head, check out the mounts at Panavise (www.panavise.com). They have mounts that attach beside the radio or A/C controls. A small piece of metal comes out next to the trim (no holes). You can then put the "fins" of the D700 mount straight up in the air parallel to the radio. The holes on the D700 mount match perfectly to the Panavise mount. If you order from Electro-Comm (www.ecwest.com) you can usually get the mount at cost ($16).

The great part of this mount is that the radio is up where you can see it. With the D700, you tend to look at the display, so the closer it is to your windshield, the better. Resist the temptation to install it on the console because you end up looking down too much.

Good Luck,

Tom NY4I
  ----- Original Message -----
  From: Billy Mason, KD5KNR
  To: TAPR Hot Technology APRS
  Sent: Monday, August 07, 2000 4:53 AM
  Subject: [htaprs] Mounting TM-D700 Control Head

  Does anyone have any suggestions for mounting the control head of a D700 in a '99 Ford Explorer? The radio itself, fits fine under the back seats... plenty of breathing room when even when they are folded down.

  Also, where might the best place for the power source be? It appears there is no easy place/way to get bridge through the firewall. I am currently utilizing the utility plug on the console, but with after reading the latest "Up In Smoke" stories... I really don't want to utilize it as a permanent power source.

  Billy Mason, KD5KNR

44. [htaprs] Re: TM-D700A Status Text help

From: "Jeffrey Brissette" <kd7JNY@link-11.com>
Date: Mon, 7 Aug 2000 10:47:27
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101194-2000.08.07-10.53.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had the same question a while ago. The answer I got was that the]"4I}
type information was the altitude in MIC-E format. From the line you
displayed however it doesn't appear that you are sending a status text
thought. You might want to check to see what the status text transmit rate
is, its menu 3-A. The default is off from the factory.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] Alternate APRS frequency?

From: Peter Anderson <panderson@CenterPartners.com>
Date: Mon, 7 Aug 2000 14:03:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101278-2000.08.07-15.09.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I am looking for an alternate APRS frequency for use in the mountains to
track my dog (that's right, track my dog) I am experimenting with a doggy
pack that has the TH-D7A, and a GPS. (no Palm Pilot as she can't read the
darn thing anyways) But don't want to disturb others that are running APRS
as the real thing either. Is there an alternate frequency that is
recommended for this?

Peter Anderson
Qwest Choice TV
Center Partners Inc
Ext: 6401

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: Alternate APRS frequency?

From: "Bob Snyder" <rsnyder@toontown.erial.nj.us>
Date: Mon, 7 Aug 2000 17:17:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101298-2000.08.07-16.22.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

But what if we wanted to track your dog? :-)

Bob N2KGO
----- Original Message -----
From: "Peter Anderson" <panderson@CenterPartners.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, August 07, 2000 4:03 PM
Subject: [htaprs] Alternate APRS frequency?

> Hi all,
>
> I am looking for an alternate APRS frequency for use in the mountains to
> track my dog (that's right, track my dog) I am experimenting with a doggy
> pack that has the TH-D7A, and a GPS. (no Palm Pilot as she can't read the
> darn thing anyways) But don't want to disturb others that are running
APRS
> as the real thing either. Is there an alternate frequency that is
> recommended for this?
>
> Peter Anderson
> Qwest Choice TV
> Center Partners Inc
> Ext: 6401
>
>
> ---
> You are currently subscribed to htaprs as: rsnyder@toontown.erial.nj.us
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Re: Alternate APRS frequency?

From: "David Zobel" <dzobel1@rochester.rr.com>
Date: Mon, 7 Aug 2000 17:29:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101301-2000.08.07-16.35.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is your dogs call, K9DOG? Sounds like a neat idea. We threaten to get
a GPS for our teenage daughter before she gets her drivers license. She has
no sense of direction.

----- Original Message -----
From: Peter Anderson <panderson@CenterPartners.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Monday, August 07, 2000 4:03 PM
Subject: [htaprs] Alternate APRS frequency?

> Hi all,
>
> I am looking for an alternate APRS frequency for use in the mountains to

> track my dog (that's right, track my dog) I am experimenting with a doggy
> pack that has the TH-D7A, and a GPS. (no Palm Pilot as she can't read the
> darn thing anyways) But don't want to disturb others that are running
APRS
> as the real thing either. Is there an alternate frequency that is
> recommended for this?
>
> Peter Anderson
> Qwest Choice TV
> Center Partners Inc
> Ext: 6401
>
>
> ---
> You are currently subscribed to htaprs as: dzobel1@rochester.rr.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Re: Alternate APRS frequency?

From: RASNM@aol.com
Date: Mon, 7 Aug 2000 17:58:00 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101308-2000.08.07-17.04.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/7/00 3:34:25 PM Mountain Daylight Time,
dzobel1@rochester.rr.com writes:

<< What is your dogs call, K9DOG? >>

LOL   this is funny. Some of the best HAM stuff yet. Good thing he is not a
pig.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] Re: Alternate APRS frequency?

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Mon, 7 Aug 2000 17:55:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101309-2000.08.07-17.08.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Careful, K9DOG is a real ham, doggone it! Look it up if you don't believe
it.

I have clients (I'm a comms consultant) looking into vehicle location
services for those wanting to know where their vehicle is located, ie. where
your teenage daughter has driven the family car. The biggest problem with
using APRS for this type of work is that if you aren't there and she doesn't
have a ham license, Riley might pull her over and give her another kind of
traffic ticket.

Todd Ellis, N2XL
Raleigh, NC

----- Original Message -----
From: David Zobel <dzobel1@rochester.rr.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Monday, August 07, 2000 5:29 PM
Subject: [htaprs] Re: Alternate APRS frequency?

> What is your dogs call, K9DOG? Sounds like a neat idea. We threaten to
get
> a GPS for our teenage daughter before she gets her drivers license. She
has
> no sense of direction.
>

> ----- Original Message -----
> From: Peter Anderson <panderson@CenterPartners.com>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Sent: Monday, August 07, 2000 4:03 PM
> Subject: [htaprs] Alternate APRS frequency?
>
>
> > Hi all,
> >
> > I am looking for an alternate APRS frequency for use in the mountains to
> > track my dog (that's right, track my dog) I am experimenting with a
doggy
> > pack that has the TH-D7A, and a GPS. (no Palm Pilot as she can't read
the
> > darn thing anyways) But don't want to disturb others that are running
> APRS
> > as the real thing either. Is there an alternate frequency that is
> > recommended for this?
> >
> > Peter Anderson
> > Qwest Choice TV
> > Center Partners Inc
> > Ext: 6401
> >
> >
> > ---
> > You are currently subscribed to htaprs as: dzobel1@rochester.rr.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Kenwood TH-D7 upgrade

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 07 Aug 2000 17:06:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101313-2000.08.07-17.14.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Several people have posted that they have not been happy with the
turnaround times provided by Kenwood for their firmware upgrades.

Here's my story:

July 17, 2000 - sent my TH-D7 to Kenwood Service Center West via USPS
Priority Mail, insured, return receipt requested. I gave them written
permission to bill my Visa Credit Card for the upgrade and return shipping
as well as my home phone number, return address, and email address. I have
an answering machine on my phone turned on 24 hours a day, as I work a
differential shift.

July 20, 2000 - Radio recieved and signed for by Kenwood - The person who
received it for Kenwood both printed and signed their name totally
illegibly.   Nice for them to make sure it can never be traced to an
employee...   Unless they really have an employee who is named Marug Agegipitz.

July 30, 2000 - Having not heard from Kenwood I emailed them for status on
my radio.

July 31, 2000 - Received a reply from Kenwood saying that I'd have to call
them for status of my upgrade.

 From July 20 thru August 7, 2000 - I have never been contacted by Kenwood
in any manner, despite the fact they have my home phone number, home

address, and email address.

August 7, 2000 - Due to several circumstances, including a death in the family, I was not able to call Kenwood until today. I was told my radio was received, and in their computer (home phone was correct). BUT THEN --- I was told they couldn't give me status on my radio over the phone. The woman hemmed and hawed for a while and said she'd have to call me back. She didn't sound like this was routine. As a matter of fact, she sounded nervous or distressed (I work for a service center, and I can pick up on that). So far, after an hour, no return call.

THIS DOES NOT BODE WELL.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Re: Alternate APRS frequency?

From: RASNM@aol.com
Date: Mon, 7 Aug 2000 18:08:37 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101315-2000.08.07-17.16.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/7/00 2:06:19 PM Mountain Daylight Time,
panderson@CenterPartners.com writes:

<< Is there an alternate frequency that is
recommended for this? >>

I was at an amateur club meeting Saturday and there was a presentation by a guy sending "high power" hobby rockets up with a GPS and transmitter. He said he was transmitting around 445 MHz but not with a D7A.

For more information you might contact him at:

<A HREF="http://www.arsabq.org/">Albuquerque Rocket Society</A>

73-Ron-KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] D7G Positon Comment ?

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Mon, 07 Aug 2000 22:50:57 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101318-2000.08.07-17.57.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just got my D7 back from KW west. In looking at the software, the radio and the manual, I find several new Position Comments: CUSTOM 0 thru 6. The manual has one small footnote about these saying they are "personal definition". Is there a way to program a text message in these or are they to be used by prior agreement with other stations (e.g.: 3 = at home, 5 = at the lake, and so on)?

Just curious if anyone has found a way to program anything other than the canned messages in the Position Comments????

BTW, I sent my D7 in, waited a week after it got there and called last Wednesday. The lady had to call me back (in about 15 minutes). She said they were working on it that day and it would go out that afternoon. At my request, she sent me the UPS tracking number later that day and it finally made its way home today (Monday). I'm very happy with the service - they told me five to seven working days turnaround before I sent it in & they were right on the money.

Jim
KM5BS
Hobbs, NM

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] Re: D7G Positon Comment ?

From: "Jeffrey Brissette" <kd7JNY@link-11.com>
Date: Mon, 7 Aug 2000 19:41:6
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101345-2000.08.07-19.46.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As far as I know of the Custom 0 - Custom 6, display just that. I guess they mean that you have to know what you(or others) have decided Custom 0 - Custom 6 to mean. Still, it would have been nice to be able to put a real posit comment in.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] Brains for a D700?

From: Chris Arndt <carndt@slonet.org>
Date: Mon, 7 Aug 2000 17:51:36 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101349-2000.08.07-19.58.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some list members have in the past posted shortcomings they have found with the D700s operation or programming.

Others here have explored the serial port on the D700, and determined some commands to control it. I don't recall enough of the details of that to know if what I came up with is possible, so I thought I'd ask here.

Is there enough control capability in the serial connection to make worthwhile an outboard D700 controller that would add some of the functions we'd like to see?

Such a controller could be PIC or Stamp based, and do such things as automatically change the BCON rate when the ignition is on or off, or maybe even dynamically change the BCON rate as the vehicle speed changes.

It could maybe change other parameters based on location, like the STATUS messgage or even what frequency is displayed in the B band.

I think I recall that the D700 also streaming incoming packets or messages out the port. If so, the controller could respond to incoming messages, too.

Is this possible? Any other cool ideas?

I've done some Basic Stamp programming in the past (XRACS, the DTMF controlled synthesized voice response X10 controller http://www.tbo.net/html/xracs.htm, which brings up another question.

In that project, I used a text to speech board to respond by voice to DTMF commands. Is the data coming out the D700 port in a form to be useful squirted through a board like that?

Chris

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] Re: Kenwood TH-D7 upgrade

From: "Joel Black" <jbblack@mindspring.com>
Date: Mon, 7 Aug 2000 21:04:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101364-2000.08.07-21.10.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,

I hope your luck gets better. I recently purchased a D7A(G) and had to send it back for repair - I got stung by a wasp and fell on the radio trying to avoid anymore dive-bombing raids on the back of my neck. It has been a month to the day today since they received the radio. I called the service center (East Coast) and gave them my claim number (doesn't appear from your posting that they sent you a post card with your radio's info) from my post card. The lady was helpful in stating that they're waiting for a back-ordered part.

All of this was to tell you that they do indeed give you the status of your equipment - someone has apparently misinformed you.

GL es 73,
Joel, K2SAT

----- Original Message -----
From: Mark Fellhauer <sparkfel@primenet.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Monday, August 07, 2000 5:06 PM
Subject: [htaprs] Kenwood TH-D7 upgrade

> August 7, 2000 - Due to several circumstances, including a death in the
> family, I was not able to call Kenwood until today.   I was told my radio
> was received, and in their computer (home phone was correct). BUT THEN
> --- I was told they couldn't give me status on my radio over the
> phone.   The woman hemmed and hawed for a while and said she'd have to call
> me back. She didn't sound like this was routine. As a matter of fact, she
> sounded nervous or distressed (I work for a service center, and I can pick
> up on that). So far, after an hour, no return call.
>
> THIS DOES NOT BODE WELL.
>
> 73,
> Mark
> KC7BXS
>
> ---
> You are currently subscribed to htaprs as: jbblack@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

56. [htaprs] Re: D7G Positon Comment ?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 8 Aug 2000 00:23:26 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-101380-2000.08.07-23.29.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 7 Aug 2000, Jim Morrison wrote:

> the manual, I find several new Position Comments: CUSTOM 0 thru 6. The
> manual has one small footnote about these saying they are "personal
> definition". Is there a way to program a text message in these or are they
> to be used by prior agreement with other stations (e.g.: 3 = at home, 5 = at

> the lake, and so on)?

THats all. Remember, they are only a single bit in the actual packet, so
the definition of what they men is up to you. The original Mic-E messages
were pre-defined, but user feedback wanted some new custom ones that they
could define.

As you can imagine, if any software allows anyone to define them at will,
then there will ALWAYS be missinterpretations as your definition might not
match mine. Thus, in SOFTWARE we are resisting ANY effort to assign
permanent meanings.   THus, YOU and ONLY YOUR INTENDED RECEIPENT must
decide beforehand what the TWO OF YOU want it to mean. Then and only then
can they be used without ambiguity...

I hope this helps...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] Re: D7G Positon Comment ?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 8 Aug 2000 00:29:49 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-101382-2000.08.07-23.35.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 7 Aug 2000, Jeffrey Brissette wrote:

> As far as I know of the Custom 0 - Custom 6, display just that. I guess
> they mean that you have to know what you(or others) have decided Custom 0 -
> Custom 6 to mean. Still, it would have been nice to be able to put a real
> posit comment in.

Thats what the STATUS text is. It is appended to every posit.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] one more post

From: "bdevine" <bdevine@charter.net>
Date: Tue, 8 Aug 2000 00:11:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101408-2000.08.08-00.17.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I POSTED IT BIG DEAL . IF YOU DONT WANT IT DELETE IT. I APOLOGIZED FOR POSTING IT ONCE ALREADY I DIDNT
THINK I DID ANY THING WRONG.
SORRY FOR EATING UP YOU PRECIOUS BANDWIDTH.

59. [htaprs] AUTOMATIC POWER OFF - D700

From: "Ronald G. Parsons" <w5rkn@amsat.org>
Date: Tue, 08 Aug 2000 06:28:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101436-2000.08.08-06.34.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The AUTOMATIC POWER OFF function does not seem to function properly when
the D700 has one band in APRS mode and beaconing or digipeating. The
manual says:

AUTOMATIC POWER OFF (APO)
Automatic Power Off is a background function that
monitors whether any buttons or keys have been
pressed, or whether the Tuning control has been turned.
After 3 hours pass with no operations, APO turns OFF
the power. However, 1 minute before the power turns
OFF, □APO□ appears and blinks, and a series of warning
tones sound.

However, my unit does not shut off even though no buttons are pressed.

Is this a bug? Is there a workaround?

Ron W5RKN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

60. [htaprs] Re: AUTOMATIC POWER OFF - D700

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Tue, 08 Aug 2000 09:01:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-101447-2000.08.08-09.07.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Ronald G. Parsons" wrote:
>
> The AUTOMATIC POWER OFF function does not seem to function properly when
> the D700 has one band in APRS mode and beaconing or digipeating. The
> manual says:
>
> AUTOMATIC POWER OFF (APO)
> Automatic Power Off is a background function that
> monitors whether any buttons or keys have been
> pressed, or whether the Tuning control has been turned.
> After 3 hours pass with no operations, APO turns OFF
> the power. However, 1 minute before the power turns
> OFF, □APO□ appears and blinks, and a series of warning
> tones sound.
>
> However, my unit does not shut off even though no buttons are pressed.
>
> Is this a bug? Is there a workaround?
>
> Ron W5RKN
>
> ---

APO only works if no buttons are pushed by you, OR NO
signals heard on either band for the alloted time
specified in APO... As soon as a signal breaks squelch,
the APO function is reset..

Good luck

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] Re: D7G Positon Comment ?

From: "Jeffrey Brissette" <kd7JNY@link-11.com>
Date: Tue, 8 Aug 2000 11:20:54
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101467-2000.08.08-11.26.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the information. I sometimes forget that the D7/D700 puts things
in MIC-E format.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

62. [htaprs] D700 Clock

From: "Charles H. Rahe, II" <crahe@lancnews.infi.net>
Date: Tue, 08 Aug 2000 14:42:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101494-2000.08.08-13.48.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone else experienced weird jumps in the hour of the
D700's internal clock? I set it either via the GPS or manually and when
I look later the hour is way off time. Sometimes it's even over 23 and
as high as 38. Every thing else seems to function properly.

Is there an internal battery for the clock that may be dead?

This is my second D700 and I just bought it the end of June. The other
one doesn't have this problem.

Any suggestions would be appreciated. Charlie
[Attachment: crahe.vcf; text/x-vcard; 190 bytes]

63. [htaprs] Re: Brains for a D700?

From: "Henry Moseley" <hmose@sover.net>
Date: Tue, 8 Aug 2000 20:42:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101536-2000.08.08-19.50.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Those special custom 1 through custom 6 bytes could cause a very smart
SATGATE to foreward the downlinked position to one of seven predefined
email addresses. This is what ORBCOMM does and a PIC or Basic stamp
controller or other program at the SATGATE could search for them in the data
stream. and add the addresses. This ties in with the ongoing discussion of
uses for these bytes.

Henry
KA1RRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] windows ce packet program

From: "bdevine" <bdevine@charter.net>
Date: Tue, 8 Aug 2000 19:48:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101537-2000.08.08-19.54.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.cssincorp.com/pakrattce/

hope this helps some one there are diffrent versions. for other processors

BY THE IS THIS THE RIGHT WAY TO POST INFORMATION AS I DID BEFORE AND GOT BLASTED .
TNX FOR ALL THE PEPOLE WHO WERE ALOT NICER ABOUT IT

73 DE KB9LNC

65. [htaprs] Shopping for GPS

From: ka7yak@attglobal.net
Date: Wed, 9 Aug 2000 09:19:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101686-2000.08.09-12.29.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm new at this. Am looking at two Garmin GPS models for use with the TH-D7A, the E-Map and the III Plus. I would like some advice on which one or others best suited for APRS. (I just sent my D7-A just sent it in to be "G"d, I hope i didnt make a mistake by sending it West). Any and all APRS elmer help would be appreciated. 73. Rob KA7YAK.

66. [htaprs] Re: Shopping for GPS

From: "Dr. Werner Furlan"<furlan@gmx.net>
Date: Wed, 9 Aug 2000 20:39:45 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-101746-2000.08.09-13.55.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi,
I had the same question 2 weeks ago and got many helpful mails
from the list. I decided to order the GPS 3+, but read the postings I
got.
I send you all mails so you can see what are the arguments

73!
Werner OE9FWV

Am 9 Aug 2000, um 9:19, schrieb ka7yak@attglobal.net ueber
"[htaprs] Shopping for GPS":

> I'm new at this. Am looking at two Garmin GPS models for use with the
> TH-D7A, the E-Map and the III Plus. I would like some advice on which
> one or others best suited for APRS. (I just sent my D7-A just sent it
> in to be "G"d, I hope i didnt make a mistake by sending it West). Any
> and all APRS elmer help would be appreciated. 73. Rob KA7YAK.
>

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] Re: Shopping for GPS

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 09 Aug 2000 14:29:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <aprssig@lists.tapr.org>
Message-ID: <LYR845-101752-2000.08.09-14.35.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:19 AM 8/9/00, ka7yak@attglobal.net wrote:

>I'm new at this. Am looking at two Garmin GPS models for use with the
>TH-D7A, the E-Map and the III Plus. I would like some advice on which one
>or others best suited for APRS. (I just sent my D7-A just sent it in to
>be "G"d, I hope i didnt make a mistake by sending it West). Any and all
>APRS elmer help would be appreciated. 73. Rob KA7YAK.

The eMap has turned into a fine GPS and is probably about the cheapest
mapping GPS you'll find. BTW, I'm told a new revision of the firmware 2.52
is set to be released.   This should fix some of the problems the eMap has
setting up a track during slow speeds (like as in hiking).

The best deal I've found online is Softwarebuyline.com.   The eMap Deluxe
(includes PC cable and 8 meg data cart) is $226.00

http://www.softwarebuyline.com/

I got mine at Reed's Sporting Goods in Walker, MN.   A really cool place to
shop if you ever find yourself in Walker.   Their online price is $299 for
the eMap Deluxe, but they cut me a smokin' deal and I paid about the same
as the softwarebuyline price.   But it cost my friend Steve (KB0WSV) his
hunting cap (a long story).

http://www.reedssports.com

I like the form factor and the eMap better.   Plus the eMap Deluxe street
price is $50 to $60 dollars less than the III+.

Here's where the eMap beats the III+:

1) Uses only 2 AA cells, so it's lighter
2) More routes and waypoints per route (50/50 vs 20/30)
3) Display slightly larger with better resolution

4) More tracklog points (2000 vs 1900)
5) Audiable Alarms
6) Waypoints store altitude info

The only advantages I see to the IIi+ is that it runs on a wider voltage
range and has a better water resistance rating.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] Re: Shopping for GPS (Mark)

From: RASNM@aol.com
Date: Wed, 9 Aug 2000 15:40:45 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101758-2000.08.09-14.47.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/9/00 1:32:33 PM Mountain Daylight Time,
sparkfel@primenet.com writes:

<<
 1) Uses only 2 AA cells, so it's lighter
 2) More routes and waypoints per route (50/50 vs 20/30)
 3) Display slightly larger with better resolution
 4) More tracklog points (2000 vs 1900)
 5) Audiable Alarms
 6) Waypoints store altitude info >>

Hi Mark, is there software with it that allows you to upload and download
waypoints, modify them off line?

Whats the deal on maps? All US?   any Canada?

73- Ron - KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] test - is this list down?

From: "stridr" <stridr@optonline.net>
Date: Wed, 9 Aug 2000 16:11:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101762-2000.08.09-15.17.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Or just inactive?

Help eradicate Pediatric Brain Tumors
Support our ride 20 Aug 2000
http://go.to/nerfk

Howard Hecht   W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

70. [htaprs] DOCTYPE HTML PUBLIC and the list

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 9 Aug 2000 20:38:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-101809-2000.08.09-20.40.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lots of HTML in the different TAPR list's these days.

HTML is hard to read on my palm when I check my mail
and it never works in the TAPR digest mode.

Most other computer mail list will convert or bounce it back with a note
to the sender.

even when using the new Eudora that does display HTML
people keep using 9 point type - requiring another step to read the mail.

if the list mom could help let us know if the rules about
attached files and HTML have changed.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

71. [htaprs] Kenwood TH-D7A(G)

From: Tim Grooms <kd5lez@gocomputers.net>
Date: Fri, 11 Aug 2000 00:09:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102073-2000.08.11-00.13.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just rec'd my license and am saving for a D7A. Can anyone tell me the
best place
to purchase from? There are no local dealers in my area.

Thanks for any help!
73
Tim
KD5LEZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

72. [htaprs] D7A Battery Pack terminals

From: "Mike Edwards" <medwards@atlantic.net>
Date: Fri, 11 Aug 2000 15:44:22 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102172-2000.08.11-14.49.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Would someone explain to me what the "T" terminal is on the back of the
PB-39 pack? Between - and T i measure zero, between - and + I measure 9.72v
(of course), and between T and + i measure the same. I measure 8k ohms
between - and T with the DVOM.

But I still have no clue what it is :-)

Mike KE4YGT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] Re: D7A Battery Pack terminals

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 11 Aug 2000 14:36:26 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102179-2000.08.11-15.45.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike,

I always assumed it was a thermistor to detect and avoid overheating during
rapid charge. I have no evidence to support this, though.

--
Brian KC0HIR
Mike Edwards wrote:

> Would someone explain to me what the "T" terminal is on the back of the
> PB-39 pack? Between - and T i measure zero, between - and + I measure 9.72v
> (of course), and between T and + i measure the same. I measure 8k ohms
> between - and T with the DVOM.
>
> But I still have no clue what it is :-)
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] Re: D7A Battery Pack terminals

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Fri, 11 Aug 2000 13:46:16 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102184-2000.08.11-15.52.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 11 Aug 2000, Brian Badger wrote:

> I always assumed it was a thermistor to detect and avoid overheating during
> rapid charge. I have no evidence to support this, though.

Try putting it in the refrigerator for a couple of minutes and measuring
the terminals again. Don't freeze your battery though!

> Brian KC0HIR
> Mike Edwards wrote:
>
> > Would someone explain to me what the "T" terminal is on the back of the
> > PB-39 pack? Between - and T i measure zero, between - and + I measure 9.72v
> > (of course), and between T and + i measure the same. I measure 8k ohms
> > between - and T with the DVOM.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

75. [htaprs] Hmm

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Fri, 11 Aug 2000 18:11:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102195-2000.08.11-17.24.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A question for the group...I have a D700, and was setting up a second mobile station using an ADI mobile
 with a Kantronics 9612 Plus TNC. I set it up per the Kantronics book (darn big one, bigger than the
product!). However, when it beacons, I see two question mark signs ("??") on my D700 and the second
unit does not show up when I press the LIST button on the D700. I have seen other trackers in my area
display the same "??" and also do not show up on the list. What have I not set on the Kantronics unit?
  Am I missing something? Please let me know if you have any insight!

BTW, the use for this box is for my wife who is also licensed. I just bought her another car and plan
to utilize APRS with her call on the TNC for the security system concept.

Todd Ellis, N2XL
Raleigh, NC

76. [htaprs] Re: Hmm

From: Byron Smith <wa6ylb@theworks.com>
Date: Fri, 11 Aug 2000 15:34:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-102206-2000.08.11-17.42.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> However, when it beacons, I see two question mark signs ("??") on my D700

This means its a packet that the D700 doesnt know how to decode.

Remote Wx stns (using Peet $ULTW) do this also. Its a shame that the
software in the D700 doesnt decode whats actually seen over the air in
hundreds of
operational areas. I would have thought that since all versions of APRS
(like Winaprs, MacAPRS, APRSdos, and APRSsa) can decode the stuff seen over the
air, a D700 could too. I am disappointed in how many packets are not
decoded by the D700.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

77. [htaprs] D7A Pack T terminal - Temp sense?

From: "Mike Edwards" <medwards@atlantic.net>
Date: Fri, 11 Aug 2000 21:43:52 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102231-2000.08.11-20.48.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Okay, earlier I measured the following:

- to + , 9.72v
T to +, 9.72v
- to T, 0.00v, 8.02Kohm

After being in the fridge a while....

- to +, 6v and climbing (warming up to room temp)
T to +, 6.35v and climbing (""   "")
- to T, 0v, 10.85Kohm and _falling_.. Which would make sense if it's a temp
sensor.

Issue settled? I'm satisfied :-)

Mike KE4YGT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] Re: Hmm

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 11 Aug 2000 23:49:51 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-102243-2000.08.11-22.56.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you want to see the raw WX stns on your mobiles, you can have someone
in the area run APRSdata.exe and enable WX-RAW-CONVERT. It will take the
RAW WX reports and convert them to APRS standard format and retransmit
them. This does double up on the number of WX packets on the air, so will
probably only be good to do in sparse areas where the extra load will not
be noticed..

 On Fri, 11 Aug 2000, Byron Smith wrote:

> Remote Wx stns (using Peet $ULTW) do this also. Its a shame that the

> software in the D700 doesnt decode whats actually seen over the air in
> hundreds of operational areas. I would have thought that since all
> versions of APRS (like Winaprs, MacAPRS, APRSdos, and APRSsa) can
> decode the stuff seen over the air, a D700 could too. I am disappointed
> in how many packets are not decoded by the D700.

Ah, but they are big programs. APRSdos is over 10,000 lines of code.
They couldnt put all of that in an HT...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] TH-D700 and Packet Speed

From: "Karl G6ODT" <g6odt@btinternet.com>
Date: Sat, 12 Aug 2000 07:41:03 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102272-2000.08.12-02.32.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

Is it just me or is the Packet baud rate (not APRS) global
without a menu option to change it from the radio ?

It appears that you cannot have one PM configured for
1200 baud in Packet mode and another set for 9600 baud
in Packet mode.
Further more I cannot find a menu option in the radio that
will change the baud rate. There are menus to change the
APRS baud rate and a further menu to change the setting
for the external data connector socket but not for the
packet mode. The only way I can see of doing it is to put
the radio into command mode sending CTRL 3 and then
send HB1200 or HB9600.

Shame that the setting is global eg applies to ALL PM.

Anybody found another way using the radio to change the
setting ?

73 Karl G6ODT
Email g6odt@yahoo.com
http://members.tripod.com/~g6odt/packet.html
24h Relay/Wide .Tracen-n Enabled.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

80. [htaprs] Re: Hmm

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Sat, 12 Aug 2000 04:39:39 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102277-2000.08.12-03.53.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good answer! Well, I used the BLT command just like the book said. One
other respondant (Tom Shaefer) suggested that I turn off the HID parameter.
I'll try both of these later today and see what helps! Thanks.

Todd Ellis, N2XL
Raleigh, NC

----- Original Message -----
From: "Michael Jones" <kf6swi@hotmail.com>
To: <tellis6@bellsouth.net>
Sent: Friday, August 11, 2000 8:04 PM
Subject: Re: [htaprs] Hmm

>
> You specifically said that it shows ?? when the TNC beacons. Do you
> literally mean 'beacon'? if so, the DH7, D700 do not understand beacons,

> therefore you get ??. They only interpret APRS formatted UI packets and
> DX-Spot connected or unconnected packets. All other packets will be
> displayed with ??. Also, packets which are incompletely decoded will be
> displayed with ??.
>
> Some other pieces of info that you might have missed with regard to using
> the 9612 as a dumb tracker...
>
> Make sure that you turn on the software carrier detect.
> Be sure to set 'oneradio' on (unless of course you are running 2 radios.)
> On all the commands that have a split option for each port, be sure to
> disable the options on the 9600 port.
> i.e. BLT 1 Every 00:05:00 / Every 00:00:00
>
> Good Luck,
> Mike
> KF6SWI
>
> >From: "Todd Ellis" <tellis6@bellsouth.net>
> >Reply-To: "Todd Ellis" <tellis6@bellsouth.net>
> >To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> >Subject: [htaprs] Hmm
> >Date: Fri, 11 Aug 2000 18:11:06 -0400
> >
> >A question for the group...I have a D700, and was setting up a second
> >mobile station using an ADI mobile with a Kantronics 9612 Plus TNC. I
set
> >it up per the Kantronics book (darn big one, bigger than the product!).
> >However, when it beacons, I see two question mark signs ("??") on my D700
> >and the second unit does not show up when I press the LIST button on the
> >D700. I have seen other trackers in my area display the same "??" and
also
> >do not show up on the list. What have I not set on the Kantronics unit?
> >Am I missing something? Please let me know if you have any insight!
> >
> >BTW, the use for this box is for my wife who is also licensed. I just
> >bought her another car and plan to utilize APRS with her call on the TNC
> >for the security system concept.
> >
> >Todd Ellis, N2XL
> >Raleigh, NC
>
> _____
> Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

81. [htaprs] Re: Shopping for GPS

From: "hasan schiers" <schiers@netins.net>
Date: Sat, 12 Aug 2000 15:05:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <aprssig@lists.tapr.org>
Message-ID: <LYR845-102346-2000.08.12-15.12.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two Questions:

What kind of power connector does it use? (I'm assuming it is NOT the same
as on the GPS II+ and other Garmins). (And if not, where would you get the
appropriate power/data cables).

What kind of data i/o connector does it require?

I'm assuming it will plot callsigns as waypoints from the D7A(g) and D700A?

Looks interesting as an eventual replacement for my older firmware II+. Does
it have a larger display than the II+ ?

(I know...that's 3 questions).. tnx

hasan schiers

schiers@netins.net
N0AN

hasan schiers
schiers@netins.net
N0AN

----- Original Message -----
From: "Mark Fellhauer" <sparkfel@primenet.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <aprssig@lists.tapr.org>
Sent: Wednesday, August 09, 2000 2:29 PM
Subject: [htaprs] Re: Shopping for GPS

> At 11:19 AM 8/9/00, ka7yak@attglobal.net wrote:
>
> >I'm new at this. Am looking at two Garmin GPS models for use with the
> >TH-D7A, the E-Map and the III Plus. I would like some advice on which
one
> >or others best suited for APRS. (I just sent my D7-A just sent it in to
> >be "G"d, I hope i didnt make a mistake by sending it West). Any and all
> >APRS elmer help would be appreciated. 73. Rob KA7YAK.
>
>
> The eMap has turned into a fine GPS and is probably about the cheapest
> mapping GPS you'll find. BTW, I'm told a new revision of the firmware
2.52
> is set to be released.   This should fix some of the problems the eMap has
> setting up a track during slow speeds (like as in hiking).
>
> The best deal I've found online is Softwarebuyline.com.   The eMap Deluxe
> (includes PC cable and 8 meg data cart) is $226.00
>
> http://www.softwarebuyline.com/
>
>
> I got mine at Reed's Sporting Goods in Walker, MN.   A really cool place
to
> shop if you ever find yourself in Walker.   Their online price is $299 for
> the eMap Deluxe, but they cut me a smokin' deal and I paid about the same
> as the softwarebuyline price.   But it cost my friend Steve (KB0WSV) his
> hunting cap (a long story).
>
> http://www.reedssports.com
>
>
> I like the form factor and the eMap better.   Plus the eMap Deluxe street
> price is $50 to $60 dollars less than the III+.
>
> Here's where the eMap beats the III+:
>
> 1) Uses only 2 AA cells, so it's lighter
> 2) More routes and waypoints per route (50/50 vs 20/30)
> 3) Display slightly larger with better resolution
> 4) More tracklog points (2000 vs 1900)
> 5) Audiable Alarms
> 6) Waypoints store altitude info
>
> The only advantages I see to the IIi+ is that it runs on a wider voltage
> range and has a better water resistance rating.
>
> 73,
>
> Mark
> KC7BXS
>
>
>
>
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

82. [htaprs] what in the world am I doing wrong?

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Sat, 12 Aug 2000 19:29:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102356-2000.08.12-18.43.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Group:

I am still trying to set up a Kantronics 9612 Plus to operate in APRS mode with just a GPS connected to it. The BLT packets are not being decoded by my D700 nor APRS+SA connected to the I-net, but I do see status reports. I see others with my D700 having the same problems with the "??" decode issue. What in the world could I be doing wrong?? There are very few paramters to set up; I must be missing several items needed to make this work.

Drop me a line if you have indeed gotten a TNC and a GPS alone to work with this mode.

Todd Ellis, N2XL
Raleigh, NC
tellis6@bellsouth.net

83. [htaprs] Re: what in the world am I doing wrong?

From: "Tom Schaefer" <toms@inconnect.com>
Date: Mon, 14 Aug 2000 18:03:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102357-2000.08.12-18.55.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One thing you can do is select the P.MON mode of the radio and see what it is receiving from the other TNC.

Personally, I would not worry about this much as the D700 is going to receive ?? from certain packets. it is just a fact of the radio's life. I do not find it a problem because it decodes everything it is supposed to decode for APRS.

Tom NY4I
----- Original Message -----
From: Todd Ellis
To: TAPR Hot Technology APRS
Sent: Saturday, August 12, 2000 5:29 PM
Subject: [htaprs] what in the world am I doing wrong?

Group:

I am still trying to set up a Kantronics 9612 Plus to operate in APRS mode with just a GPS connected to it. The BLT packets are not being decoded by my D700 nor APRS+SA connected to the I-net, but I do see status reports. I see others with my D700 having the same problems with the "??" decode issue. What in the world could I be doing wrong?? There are very few paramters to set up; I must be missing several items needed to make this work.

Drop me a line if you have indeed gotten a TNC and a GPS alone to work with this mode.

Todd Ellis, N2XL
Raleigh, NC
tellis6@bellsouth.net

84. [htaprs] TH D 7G and winaprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 13 Aug 2000 16:00:54 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102487-2000.08.13-18.04.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i have been unable to make my icon pop up on winaprs.

the data stream looks like this with no gps

kd8s-14>svrstp,relay,wide:'+2j1lk\s

there is no long lat string, manual put in my coords.

tried full reset

any ideas? is there something i have to set up in the packet mode related
to aprs?

73
find me on a map! go to http://map.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

85. [htaprs] Re: TH D 7G and winaprs

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Sun, 13 Aug 2000 19:04:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-102491-2000.08.13-18.12.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The data you list below shows '+' after the call sign..

I am used to '>' instead. This would make a BIG difference, and
would explain why it is not working.

I have a D7G and it works fine, and displays '>'. Please verify that
this what is coming in, and contact me via phone..

732-821-4828

Keith

>i have been unable to make my icon pop up on winaprs.
>
>the data stream looks like this with no gps
>
>
>
>
>kd8s-14+AD4-svrstp,relay,wide:'+-2j1lk+AFw-s
>
>
>
>there is no long lat string, manual put in my coords.
>
>tried full reset
>
>
>
>any ideas? is there something i have to set up in the packet mode related
>to aprs?
>
>
>73
>find me on a map+ACE- go to http://map.findu.com/kd8s-7
>works only
>if i am sending my position out and in satellite range
>
>
>---
>You are currently subscribed to htaprs as: ksproul@vger.rutgers.edu
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

Keith Sproul 732 445-3695 Office
Student Housing Network Coordinator 732 445-2968 Fax

mailto:ksproul@rci.rutgers.edu 732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/ WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

86. [htaprs] Kenwood D-700 APRS Speech Contest (deadline extended)

From: Keith Sproul <ksproul@td.rutgers.edu>
Date: Sun, 13 Aug 2000 19:11:26 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Keith Sproul <ksproul@vger.rutgers.edu>
Message-ID: <LYR845-102492-2000.08.13-18.17.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The deadline is September 18th. Please send in your entries.

```
=====================================================================
====        Kenwood D700 APRS(tm) Speech Message Contest       ====
=====================================================================
```

The Kenwood TM-D700 Radio has the ability to have a speech synthesizer
added to it. If you add this option, you can make the D700 'SPEAK' or
actually 'SPELL' APRS messages.

When you send a message to a D700 with the VS-3 Speech chip, it will SPELL
the call sign of the station that sent the message.

In addition to this, if you put a percent sign '%' as the FIRST character
of a message, it will SPELL the letters and numbers of the message.

For example, if I send the following message from WU2Z to WB4APR,

        %ICU2

Bob will hear:

        DOUBLE-YOU YOU TWO ZED I SEE YOU TOO

We are announcing a contest to see what kind of messages people can come
up with for using this neat feature of the Kenwood TM-D700 radio and the
VS-3.

```
=====================================================================
```
Rules for the contest:

* There will be three categories:

        The LONGEST message that makes sense.

        The MOST TECHNICAL message.

        The most original or funniest message.

* The winners will be announced at the ARRL Digital Communications
Conference in Orlando, FL, September 23, 2000.

* Each winner will receive a $50 gift certificate from Kenwood Radio.

* APRS Authors and Kenwood employees are not eligible.

* The judges will be the APRS Authors and Kenwood personnel that are
present at the September 2000, ARRL DCC in Orlando, FL.

* All decisions of the judges will be final.

* All entries must be sent by email ksproul@noc.rutgers.edu by September
18th, or delivered in person at the DCC.

* PLEASE put D700 CONTEST as the subject of the email!!!

* You must have a valid Amateur Radio License to enter.

* You do NOT need to own a Kenwood D700 or VS-3 to enter.

* You do NOT need to be a registered user of any version of APRS to enter.

* You do NOT need to be present at the ARRL DCC to win.

* In case of a tie, i.e. exact or very similar duplicate message the
earliest received entry will win.

* In case of other ties, the judges opinions will determine the winner.

* All entries can be used by Kenwood and/or the APRS authors for demo
and/or advertising purposes. All entries will be posted on the Web after
the contest, with your call sign to give you credit.

* Entries that imply profanity or inappropriate content will be ignored.

==

The documentation for the Speech functions of the D700 are at:

        http://aprs.rutgers.edu/D700Voice.html

There is also a copy of it at:

        http://dorm.rutgers.edu/~ksproul/D700Voice.html

(If one is down, try the other, I will keep them both updated)

If you have questions about this contest, or how the Voice option works,
please send email to me at: ksproul@noc.rutgers.edu

As questions come in, I will update the documentation if needed.

You may distribute this announcement to other places, but you must leave
it exactly as is.

--
Keith Sproul   Ham Radio: WU2Z
WinAPRS/MacAPRS/X-APRS Author
http://dorm.rutgers.edu/~ksproul/   mailto://ksproul@noc.rutgers.edu

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

87. [htaprs] thd7g and winaprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 13 Aug 2000 17:02:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102497-2000.08.13-19.06.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

off the history list here is what i get out of my thd-7g

no gps manual long and lat....i found my self on the map somewhere out in
the atlantic....my long and lat are entered correct

kd8s-14>3vpyts,relay,wide:'*a&lm\

it never spits out long and lat

it worked fine before the upgrade

find me on a map! go to http://map.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

88. [htaprs] THD7-G winaprs w/gps

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 13 Aug 2000 17:42:31 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102505-2000.08.13-19.46.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

just got my gps feeding the thd7. even with good rmc still does not spit
out my position....

i am going to guess i need to get into the packet mode and check some of the
settings.

i can compare the old settings that i printed out last year and make sure
they are the same.

anyone else have a problem with the thd-7 g not working with winaprs after
the upgrade? what did you do to fix it?

73

steve las vegas
find me on a map! go to http://map.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

89. [htaprs] Re: what in the world am I doing wrong?

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Mon, 14 Aug 2000 06:57:36 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102546-2000.08.14-06.12.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Byron and others who answered my call for help last week:

After wasting 3/4ths of Sunday working on this problem, I have found some interesting issues. First, if
 you set up the KPC9612+ to only beacon, it will be successfully decoded by the D700 and also show up on
 APRS+SA (my two test setups). This is where the fun departs...

If you are also trying to get the lat/long GPS data to be filtered into the LT text position, it does
not parse the location information in a way that APRS+SA nor the D700 like to see, and thus I get the
dang "??" message again on the D700, and nothing at all on the APRS+SA! If you look at the outbound
data packet for $GPGGA or $GPRMS with this unit, you will see each data component being comma delimited.
  If you look at any other location info from APRS+SA or the D700 or other stuff too, the lat/long is
not only formatted differently (3354.76 versus 33, 54, 76), it also has a slash "/" between the lat and
the long. I was really ready to beat my already flat head onto a hard surface when I realized nothing
squirting out of the 9612 was going to work. Oh, and BTW, the Xmit light on the second port turns on
and stays on after the very first location report. I am calling Kantronics today to verify this stuff,
and why I can't seem to get this unit to work less a computer. There HAS to be a good answer.

I'm sure this is a case of calling the kettle black, but as a consultant working on various mobile data
systems for clients all over the country, this system (APRS/AX.25) seems far too complicated to get
working for a newbie (Bob B is making a dartboard from my picture on QRZ.com right now). In fact, I
found two web pages from two sites that had two very different suggested setup parameters for the TNC.
I ended up using both and throwing out what I figured wasn't usable as I went along. Maybe this is why
there is a hesitancy for folks to get involved with APRS, and why of the VERY few trackers in the
Raleigh, NC area are all D700s or D7s. The rest are fixed stations using APRSdos or WinAPRS or APRS+SA!
  Johnny-come-lately and all (I started working qith APRS in January of this year), I have to believe
that all the other stations (I counted over 10 locals yesterday alone) I see with "??" coming up on my
display are having the same kinds of problems and are chaulking it all up to "I probably don't know what
 I'm doing, this is as good as I'm going to get it". My third APRS project is about to fold in
disaster, and for the amount of money invested, I could have bought another D700! This truely isn't

rocket science unless you count the 9612 I almost threw into a ballistic arc, but we collectively seem to be trying to make it be that way; I have had only a couple of responses from posts for help.

Todd Ellis, N2XL
Raleigh, NC
  ----- Original Message -----
  From: A fellow APRSer
  To: Todd Ellis
  Sent: Sunday, August 13, 2000 9:22 PM
  Subject: Re: [htaprs] what in the world am I doing wrong?

  At 07:29 PM 08/12/2000 -0400, you wrote:

    Group:

    I am still trying to set up a Kantronics 9612 Plus to operate in APRS mode with just a GPS connected to it. The BLT packets are not being decoded by my D700

  The D700 doenst know how to decode a stand alone tracker. This is a short comming of advice from a certain APRS author to the fellow writing the code for D700. Grrr!

  Name withheld to protect the innocent
  "Cain't we all just get a lawn?"

90. [htaprs] Re: thd7g and winaprs

From: "hasan schiers" <schiers@netins.net>
Date: Mon, 14 Aug 2000 08:01:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102560-2000.08.14-08.07.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Make sure your tnc has the command to set MFILTER OFF...whatever it might be...I had mine set to $80 from some other app and it caused the icons to not show up, only a red dot.

...hasan

----- Original Message -----
From: STEVE SCOTT LAS VEGAS <kd8s@skylink.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Sunday, August 13, 2000 7:02 PM
Subject: [htaprs] thd7g and winaprs

> off the history list here is what i get out of my thd-7g
>
> no gps manual long and lat....i found my self on the map somewhere out in
> the atlantic....my long and lat are entered correct
>
>
>
> kd8s-14>3vpyts,relay,wide:'*a&lm\
>
>
>
> it never spits out long and lat
>
>
> it worked fine before the upgrade
>
>
>
> find me on a map!   go to   http://map.findu.com/kd8s-7   works
only
> if i am sending my position out   and in satellite range
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-3750M@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

91. [htaprs] Re: what in the world am I doing wrong?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 14 Aug 2000 09:35:09 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102567-2000.08.14-08.41.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All of this can be solved if you simply send us a copy of the packet that
the TNC is generating and that is not showing on your system.

Be happy to help then. But unless we can see the problem, we can't fix
it.

bob

On Mon, 14 Aug 2000, Todd Ellis wrote:

> Byron and others who answered my call for help last week:
>
> After wasting 3/4ths of Sunday working on this problem, I have found some interesting issues. First, if you set up the KPC9612+ to only beacon, it will be successfully decoded by the D700 and also show up on APRS+SA (my two test setups). This is where the fun departs...
>
> If you are also trying to get the lat/long GPS data to be filtered into the LT text position, it does not parse the location information in a way that APRS+SA nor the D700 like to see, and thus I get the dang "??" message again on the D700, and nothing at all on the APRS+SA! If you look at the outbound data packet for $GPGGA or $GPRMS with this unit, you will see each data component being comma delimited. If you look at any other location info from APRS+SA or the D700 or other stuff too, the lat/long is not only formatted differently (3354.76 versus 33, 54, 76), it also has a slash "/" between the lat and the long. I was really ready to beat my already flat head onto a hard surface when I realized nothing squirting out of the 9612 was going to work. Oh, and BTW, the Xmit light on the second port turns on and stays on after the very first location report. I am calling Kantronics today to verify this stuff, and why I can't seem to get this unit to work less a computer. There HAS to be a good answer.
>
> I'm sure this is a case of calling the kettle black, but as a consultant working on various mobile data systems for clients all over the country, this system (APRS/AX.25) seems far too complicated to get working for a newbie (Bob B is making a dartboard from my picture on QRZ.com right now). In fact, I found two web pages from two sites that had two very different suggested setup parameters for the TNC. I ended up using both and throwing out what I figured wasn't usable as I went along. Maybe this is why there is a hesitancy for folks to get involved with APRS, and why of the VERY few trackers in the Raleigh, NC area are all D700s or D7s. The rest are fixed stations using APRSdos or WinAPRS or APRS+SA! Johnny-come-lately and all (I started working qith APRS in January of this year), I have to believe that all the other stations (I counted over 10 locals yesterday alone) I see with "??" coming up on my display are having the same kinds of problems and are chaulking it all up to "I probably don't know what I'm doing, this is as good as I'm going to get it". My third APRS project is about to fold in disaster, and for the amount of money invested, I could have bought another D700! This truely isn't rocket science unless you count the 9612 I almost threw into a ballistic arc, but we collectively seem to be trying to make it be that way; I have had only a couple of responses from posts for help.
>
> Todd Ellis, N2XL
> Raleigh, NC
> ----- Original Message -----
> From: A fellow APRSer
> To: Todd Ellis
> Sent: Sunday, August 13, 2000 9:22 PM
> Subject: Re: [htaprs] what in the world am I doing wrong?
>
>
> At 07:29 PM 08/12/2000 -0400, you wrote:
>
>   Group:
>
>   I am still trying to set up a Kantronics 9612 Plus to operate in APRS mode with just a GPS connected to it. The BLT packets are not being decoded by my D700
>
> The D700 doenst know how to decode a stand alone tracker. This is a short comming of advice from a certain APRS author to the fellow writing the code for D700. Grrr!
>
>
>
> Name withheld to protect the innocent
> "Cain't we all just get a lawn?"
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

92. [htaprs] THD7 Upgrade, Hats off to Kenwood

From: "Fred Halley Jr." <fhalley@ikonuny.com>
Date: Mon, 14 Aug 2000 8:51:1
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102569-2000.08.14-08.57.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I sent my THD7 to Kenwood East for the "G" upgrade. They acknowledged
receipt of the radio on 8/4/00. I had the radio back on 8/9/00 with the
upgrade complete and working great.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] Kenwood TMD-700 auto power off / dead battery in my truck.

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Mon, 14 Aug 2000 11:39:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102601-2000.08.14-10.45.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gentlemen

I had gotten accustomed to leaving my GPSIII + KPC-3 + Htx242 ht tracker on
all the time when it was in my truck. I also used to leave my RatShack
HTX-242
mobile turned on during the same length of time with no dead battys.

Now that I have the D-700, I have run my battery down 2 times, to the point
the truck would not start. Last week, I jumped it, and it was ok. This
morning I had to put the charger on it. TMD-700 was left on since friday
evening after work, saturday & sunday, & monday till 8am. Even the D700
shut down as did the gps. I suspect the batty voltage went below 9v or so
to cause that.

Has anybody else experienced this radio draining a vehicle battery after
about 63 hours?

I did not think this radio drew that much power, but evidently it does.

Is there a way to reprogram the autopoweroff mode to ignore squelch openings
and only respond to button presses? Otherwise, in APRS mode, it will never
go to sleep.

Ed N3SDO

Ed Bathgate
MFG Engineering Technician.
Bldg 4. (724) 742-6575
Marconi

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 14 Aug 2000 10:55:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102605-2000.08.14-11.01.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Put a multimeter on the thing and see how much amperage is being drawn by
the radio/GPS. Disconnect the radio and GPS and look for other phantom
loads (you may have something drawing more power than it should). One you
know how much power is being drawn from the battery with the truck off, it
should give you an idea of how long it will take to drain that battery.

Your battery may just be getting old and doesn't have the capacity it once had.

73,

Mark
KC7BXS

At 10:39 AM 8/14/00, Bathgate, Ed wrote:

>Has anybody else experienced this radio draining a vehicle battery after
>about 63 hours?
>
>I

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] Re: Hmm

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 14 Aug 2000 11:14:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102609-2000.08.14-12.21.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga <bruninga@nadn.navy.mil>

>On Fri, 11 Aug 2000, Byron Smith wrote:
>> Remote Wx stns (using Peet $ULTW) do this also. Its a shame that the
>> software in the D700 doesnt decode whats actually seen over the air in
>> hundreds of operational areas. I would have thought that since all
>> versions of APRS (like Winaprs, MacAPRS, APRSdos, and APRSsa) can
>> decode the stuff seen over the air, a D700 could too. I am disappointed
>> in how many packets are not decoded by the D700.
>
>Ah, but they are big programs. APRSdos is over 10,000 lines of code.
>They couldnt put all of that in an HT...

FWIW, this is but a tiny fraction of what the HamHUD does, using only 8.4K of
program+data space:

. Display temperature and wind data from stations w/Davis and Ultimeter II
weather units (incl. $ULTW & !! formats)

It shouldn't be too difficult for Kenwood to incorporate weather packet
parsing into their next firmware release. Bob, you might ask them if they can
get themselves a better compiler. :-)

73,
Tony KD7TA

HamHUD info: http://www.c2-tech.com/~steveb/hamhud/, click on "User Manual"
link.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

96. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Bill Diaz <billdiaz@megsinet.net>
Date: Mon, 14 Aug 2000 12:28:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102612-2000.08.14-12.34.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ed,
  The amount of current consumed over 63 hours would be dependent on a number
of factors.
The radio can draw 11.5A or less at maximum power setting (50 watts on 2
meters) when transmitting.
While receiving (at 2 W output) current drain is 1.0A or less.
The dimmer setting will affect current consumption as well.
Each time the radio keys, the fan runs for a period of time.

Other factors :
Packet transmit interval (0.2 to 30 Minutes)
Status text transmit rate.
Digipeating.
Condition of battery and charging system.
Battery Amp hour rating.

If the D700 transmit interval is 1 minute, the unit will transmit a minimum of
3780 of location packets during a 63 hour period. If the D700 is set to to
beacon status text every 3rd location then the total packets transmitted is
1260 + 3780 = 5040 packets.
If the average transmission length is one second then the length of time the
D700 transmitted is about 5040/60 or 84 minutes. The radio consumed
approximately 16.1 ampere hours while transmitting.

You must factor in the amount of current drawn by the fan, backlighting,
receiver, and GPS. If you assumed that this amounts to about 0.75 amps/hour
then an additional 47.5 ampere hours would be required during a 63 hour period.

If the above assumptions are correct, your battery must supply 63.6 ampere
hours over a 63 hour period.

The location packets you transmitted during this interval were essentially
identical. Not sure what benefit can be derived from continually transmitting
static locations. I have never used the APO function since I always turn off
the radio when the vehicle is to be parked for any length of time. The manual
indicates that the APO function timer is reset when any buttons, keys have been
pressed, or when the tuning control knob has been turned. It does not state
that squelch openings will affect the APO timer.

Bill KC9XG

On Monday, August 14, 2000 10:40 AM, Bathgate, Ed
[SMTP:Ed.Bathgate@marconi.com] wrote:
>
>
> Gentlemen
>
> I had gotten accustomed to leaving my GPSIII + KPC-3 + Htx242 ht tracker on
> all the time when it was in my truck. I also used to leave my RatShack
> HTX-242
> mobile turned on during the same length of time with no dead battys.
>
> Now that I have the D-700, I have run my battery down 2 times, to the point
> the truck would not start. Last week, I jumped it, and it was ok. This
> morning I had to put the charger on it. TMD-700 was left on since friday
> evening after work, saturday & sunday, & monday till 8am. Even the D700
> shut down as did the gps. I suspect the batty voltage went below 9v or so
> to cause that.
>
> Has anybody else experienced this radio draining a vehicle battery after
> about 63 hours?
>
> I did not think this radio drew that much power, but evidently it does.
>
> Is there a way to reprogram the autopoweroff mode to ignore squelch openings
> and only respond to button presses? Otherwise, in APRS mode, it will never
> go to sleep.
>
> Ed N3SDO
>
> Ed Bathgate
> MFG Engineering Technician.
> Bldg 4. (724) 742-6575
> Marconi
>
> ---
> You are currently subscribed to htaprs as: BILLDIAZ@MEGSINET.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

97. [htaprs] Re: what in the world am I doing wrong?

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Mon, 14 Aug 2000 13:37:08 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-102614-2000.08.14-12.44.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey Brent/Bob:

I'm using a Garmin GPS12, and later I will transpose all of the parameters I have entered into the TNC. The Garmin is set up for NMEA, and have tried NMEA 180, 182, and 183 1.5 and 2.0 at 4800 baud. The Garmin is running version 457 firmware. I have used $GPRMC and $GPGGA. I will also cut and paste a transcript of the packets that the TNC is sending per Bob B.'s suggestion.

Maybe we can get this thing working yet! ;)

Todd Ellis, N2XL
Raleigh, NC

> -----Original Message-----
> From: Brent Hildebrand [mailto:bhildebrand@earthlink.net]
> Sent: Monday, August 14, 2000 9:24 AM
> To: Todd Ellis
> Subject: Re: [htaprs] Re: what in the world am I doing wrong?
>
>
> It would be helpful to know what parameters you are using in you
> TNC. Also, what does the data you are receiving on the TNC page
> of APRS+SA looks like - just copy and paste it into a message.
> Just be sure one understands what you are doing - you want to
> have a stand-alone GPS tracker that is be monitored by a D700 or
> APRS+SA (or other program) remotely. Note that the LT buffers do
> NOT parse any data. You specify which NMEA sentences from the
> GPS you want to see, and they are captured and then transmitted
> as schedules. What GPS are you suing? Setting up a "Tracker"
> with a Kantronics TNC is usually straight forward, but we need
> more data on your situation.
>
> Brent Hildebrand, KH2Z
>
> APRS+SA
> http://www.tapr.org/~kh2z/aprsplus
>
> []
>
> ----- Original Message -----
> From: Todd Ellis <tellis6@bellsouth.net>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Sent: Monday, August 14, 2000 3:57 AM
> Subject: [htaprs] Re: what in the world am I doing wrong?
>
>
>
> Byron and others who answered my call for help last week:
>
> After wasting 3/4ths of Sunday working on this problem, I have
> found some interesting issues. First, if you set up the KPC9612+
> to only beacon, it will be successfully decoded by the D700 and
> also show up on APRS+SA (my two test setups). This is where the
> fun departs...
>
> If you are also trying to get the lat/long GPS data to be
> filtered into the LT text position, it does not parse the
> location information in a way that APRS+SA nor the D700 like to
> see, and thus I get the dang "??" message again on the D700, and
> nothing at all on the APRS+SA! If you look at the outbound data
> packet for $GPGGA or $GPRMS with this unit, you will see each
> data component being comma delimited. If you look at any other
> location info from APRS+SA or the D700 or other stuff too, the
> lat/long is not only formatted differently (3354.76 versus 33,

> 54, 76), it also has a slash "/" between the lat and the long. I
> was really ready to beat my already flat head onto a hard surface
> when I realized nothing squirting out of the 9612 was going to
> work. Oh, and BTW, the Xmit light on the second port turns on
> and stays on after the very first location report. I am calling
> Kantronics today to verify this stuff, and why I can't seem to
> get this unit to work less a computer. There HAS to be a good answer.
>
> I'm sure this is a case of calling the kettle black, but as a
> consultant working on various mobile data systems for clients all
> over the country, this system (APRS/AX.25) seems far too
> complicated to get working for a newbie (Bob B is making a
> dartboard from my picture on QRZ.com right now). In fact, I
> found two web pages from two sites that had two very different
> suggested setup parameters for the TNC. I ended up using both
> and throwing out what I figured wasn't usable as I went along.
> Maybe this is why there is a hesitancy for folks to get involved
> with APRS, and why of the VERY few trackers in the Raleigh, NC
> area are all D700s or D7s. The rest are fixed stations using
> APRSdos or WinAPRS or APRS+SA! Johnny-come-lately and all (I
> started working qith APRS in January of this year), I have to
> believe that all the other stations (I counted over 10 locals
> yesterday alone) I see with "??" coming up on my display are
> having the same kinds of problems and are chaulking it all up to
> "I probably don't know what I'm doing, this is as good as I'm
> going to get it". My third APRS project is about to fold in
> disaster, and for the amount of money invested, I could have
> bought another D700! This truely isn't rocket science unless you
> count the 9612 I almost threw into a ballistic arc, but we
> collectively seem to be trying to make it be that way; I have had
> only a couple of responses from posts for help.
>
> Todd Ellis, N2XL
> Raleigh, NC
>   ----- Original Message -----
>   From: A fellow APRSer
>   To: Todd Ellis
>   Sent: Sunday, August 13, 2000 9:22 PM
>   Subject: Re: [htaprs] what in the world am I doing wrong?
>
>
>   At 07:29 PM 08/12/2000 -0400, you wrote:
>
>   Group:
>
>   I am still trying to set up a Kantronics 9612 Plus to operate
> in APRS mode with just a GPS connected to it. The BLT packets
> are not being decoded by my D700
>
>   The D700 doenst know how to decode a stand alone tracker. This
> is a short comming of advice from a certain APRS author to the
> fellow writing the code for D700. Grrr!
>
>
>
>   Name withheld to protect the innocent
>   "Cain't we all just get a lawn?"
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

98. [htaprs] Re: what in the world am I doing wrong?

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 14 Aug 2000 10:59:08 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-102621-2000.08.14-13.05.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 14 Aug 2000, Todd Ellis wrote:

> I'm using a Garmin GPS12, and later I will transpose all of the parameters I
> have entered into the TNC. The Garmin is set up for NMEA, and have tried

> NMEA 180, 182, and 183 1.5 and 2.0 at 4800 baud. The Garmin is running
> version 457 firmware. I have used $GPRMC and $GPGGA. I will also cut and
> paste a transcript of the packets that the TNC is sending per Bob B.'s
> suggestion.

Leave it at 4800 baud, latest NMEA version (2.x). Either GPRMC or
GPGGA sentences should work, depending on what you set your TNC to
look for. GPRMC gives you speed/bearing/lat/lon, while GPGGA gives
you altitude/lat/lon. I prefer GPGGA myself 'cuz I'm a leadfoot...

I don't have any Kantronics TNC's, so that's probably all the help
I can give on this problem.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

99. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 14 Aug 2000 14:00:21 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102623-2000.08.14-13.06.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Bathgate, Ed
> Sent: Monday, August 14, 2000 11:40 AM
>
> Gentlemen
>
> I had gotten accustomed to leaving my GPSIII + KPC-3 + Htx242
> ht tracker on all the time when it was in my truck. I also used to
leave
> my RatShack HTX-242 mobile turned on during the same length of time
> with no dead battys. Now that I have the D-700, I have run my battery
> down 2 times, to the point the truck would not start. Last week, I
> jumped it, and it was ok. This morning I had to put the charger on
it.
> TMD-700 was left on since friday evening after work, saturday &
sunday,
> & monday till 8am. Even the D700 shut down as did the gps. I suspect
> the batty voltage went below 9v or so to cause that.

  I would rather suspect you have a weak battery ... that point aside,
you say nothing of beacon rates and power settings. If you need to Hi
power to get into the nearest digi when you are parked I would suggest
that 30 minutes is the barest minimum beacon rate (the only reason I
even suggest it is if you may feel some overwhelming compulsion to
always appear on the Java APRS web display which only shows station with
a 35 minutes recency) Preferably it should be one hour. Then again, if
you are not moving for 63 hours the GPS is rather superfluous wouldn't
you say? Unless you are parking your truck 30 miles from home. I would
say set it to low power, digipeat through your home station once an
hour. That is what I do here

> Has anybody else experienced this radio draining a vehicle battery
after
> about 63 hours?

 I ran my D700 in my '91 Blazer as a digipeater on hi power at the
Rochester, NH hamfest for 24 hours with no problem.

> I did not think this radio drew that much power, but evidently it
does.
>
> Is there a way to reprogram the autopoweroff mode to ignore
> squelch openings and only respond to button presses? Otherwise, in
APRS mode,
> it will never go to sleep.

  I gotta ask ... why bother? Why leave it on in APRS if you want it to
go to sleep? You cannot have your cake and eat it too!

73 de brian

semper fi ... BBR

--
Brian B. Riley, Lt USMC (ret) <mailto:brianbr@wulfden.org>
  Bravo Deuce, 1st Recon 1968-69
  1st Recon Website <http://www.1strecon.org>
  1st Recon MailList <http://www.egroups.com/group/1strecon/>
[Attachment: Brian B. Riley (N1BQ).vcf; text/x-vcard; 538 bytes]

100. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Mon, 14 Aug 2000 14:11:58 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102625-2000.08.14-13.18.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok Gentlemen

Bill did an estimated 63.6 AH current drain just from the rig.
The GPS uses mimimal current, it can run off of penlight batts,
but it too is running off the Truck battery.

This leaves 3 possibilities... Either my truck batty has only
about 61 AH capacity, or my batty is going bad, or there are
additional loads taking place through my electrical system.

My current plans:
1. My D700 is going to be shutoff when the engine is off.
2. Im going to carry a notepad and digital volt meter with me
   and monitor my batty voltage to search for losses.
3. Im gonna keep jumper cables behind my seat!

Thanks for the opinions and math work!

73

Ed N3SDO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

101. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 14 Aug 2000 13:22:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102627-2000.08.14-13.30.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>This leaves 3 possibilities... Either my truck batty has only
>about 61 AH capacity, or my batty is going bad, or there are
>additional loads taking place through my electrical system.
>
>My current plans:
>1. My D700 is going to be shutoff when the engine is off.
>2. Im going to carry a notepad and digital volt meter with me
>   and monitor my batty voltage to search for losses.
>3. Im gonna keep jumper cables behind my seat!

My TM-V7 is also a power hog at idle. It draws enough to freak out my
security die-hard even in as little as 6 hours.
60-ish AH isn't a big suprise for a car battery. They value peak current
more, and pay a penalty to make it rugged enough to stand all the shaking
and heat.

--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

102. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Bill Diaz <billdiaz@megsinet.net>
Date: Mon, 14 Aug 2000 13:30:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102630-2000.08.14-13.37.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ed,
  Turning off the D700 will conserve your precious battery, and our precious
bandwidth. Sounds like a good plan to me.
Bill KC9XG

On Monday, August 14, 2000 1:12 PM, Bathgate, Ed [SMTP:Ed.Bathgate@marconi.com]
wrote:
>
>
> Ok Gentlemen
>
> Bill did an estimated 63.6 AH current drain just from the rig.
> The GPS uses mimimal current, it can run off of penlight batts,
> but it too is running off the Truck battery.
>
> This leaves 3 possibilities... Either my truck batty has only
> about 61 AH capacity, or my batty is going bad, or there are
> additional loads taking place through my electrical system.
>
> My current plans:
> 1. My D700 is going to be shutoff when the engine is off.
> 2. Im going to carry a notepad and digital volt meter with me
>   and monitor my batty voltage to search for losses.
> 3. Im gonna keep jumper cables behind my seat!
>
> Thanks for the opinions and math work!
>
> 73
>
> Ed N3SDO
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

103. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 14 Aug 2000 13:31:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102631-2000.08.14-13.38.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would also like to add that automotive batteries are now being asked to
do things they were never designed to do, and that these batteries are now
being designed to be lighter, which actually lowers their operational
life.   I had a problem with my Chrysler LeBaron convertible discharging
batteries after just a day or two of non-driving. Even with no ham radio
equipment connected, the drain from the radio/clock memory, the car's ECM,
and two alarms (siren & pager), plus the evap emissions purge valve would
be enough to discharge the battery to the point of not being able to turn
over the starter if the car sat for more than 36 hours.   The problem was
made worse by the fact that the car was driven about 14 miles round trip on
any given workday, which is not even close to enough to charge an already
taxed battery.

I will admit that I live in places with extreme temperatures. 14 years in
Phoenix and now two in South Dakota. In Phoenix 110-120 degress F is
common in the summer, where in SoDak we have several weeks in winter where
the REAL temperature can dip to -30 F or less at night (and not any of that
wind-chill factor stuff - I'm talkin' -30 w/o considering wind).   Plus
the wind chill factor here is a big deal, since I do live along what
meteorologists refer to as Buffalo Ridge, the 2nd windiest (habitable) spot
in the continental US.   The only place worse being Minot, ND.

http://www.me3.org/issues/wind/

The heat and cold really give an automotive battery a beating, so about two
years ago, after repeated problems with batteries going dead, I went out

and purchased an Optima "spiracell" deep cycle battery. Problem
solved. Yes, it was 3 times more expensive than an average car
battery. But knowing that my car will start when I leave work at 11 PM in
a South Dakota January is worth every penny. Sure, the security people at
work will come out and give me a jump start. But have you every tried
doing this when the wind is blowing 40 MPH and it's -30? It's really hard
to push-start a car when there's 2 feet of snow on the ground...

http://www.optimabatteries.com/main.htm

Other benefits are that the battery has the reserve capacity to power all
my APRS toys and still start my car.

The only problem I had was finding and installing the battery. I had to
go to several car parts stores before I found one that would order the
battery for me, and then the Optima battery is a little taller and fatter
than the battery designed for my Geo. I had to modify the battery tray
slightly and re-route the battery cables. All of which took about 1/2
hour. Well worth the effort.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

104. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 14 Aug 2000 13:37:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102632-2000.08.14-13.45.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The problem was made worse by the fact that the car was driven about 14
> miles round trip on any given workday, which is not even close to enough
> to charge an already taxed battery.

??? I do all my running within 5 miles, and most trips are under a mile.
I have run the battery flat, charged it enough to barely start, then drive
two blocks away, shut it down, come back in half an hour, and you can't
tell it's not full charged. My alternator puts 80A into a near depleted
battery just a little above idle (in addition to running all vehicle loads)

I might check out that optima as a second battery for the radio gear though. :)

--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

105. [htaprs] Photo to Internet info needed

From: Peter Anderson <panderson@CenterPartners.com>
Date: Mon, 14 Aug 2000 13:45:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102650-2000.08.14-14.52.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Maybe I was imagining it but was there not a program that would send your
VC-1 photos from the Digi to a internet site of your choice? I hope I am
not barking up the wrong tree so to speak. But if the person who has the
information could email me off the list as to not clutter up the list I
would be most grateful.

Peter Anderson (Tech)
Work Phone: (970) 206-8415 Ext:6401
Home Phone: (970) 988-6045
Pager: (970) 278-2631

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

106. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 14 Aug 2000 14:56:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102651-2000.08.14-15.02.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you actaully look at the charge rate of a modern vehicle you would see
that it would take several hundred miles of driving to fully charge a
battery that had been discharged to less than 10 volts. Yes, you may have
an 80A alternator (my LeBaron had a 90 amp job, since it had power
everything, including the "star wars" dashboard), but the regulator
actually only lets through a few of those amps to charge the battery.

Most battery manufacturers recommend using a charger on a battery after it
has been discharged to a point below where it can't crank a car, even after
a jump start. I would recommend that every ham invest the $25 or $30 in
an underhood trickle charger and at least once a week pull the specific
gravity or voltage on their battery and then charge the battery as
necessary. If you buy a charger with automatic float, just hook it up once
a week overnight.

Mark
KC7BXS

At 01:37 PM 8/14/00, David VanHorn wrote:

>??? I do all my running within 5 miles, and most trips are under a mile.
>I have run the battery flat, charged it enough to barely start, then drive
>two blocks away, shut it down, come back in half an hour, and you can't
>tell it's not full charged. My alternator puts 80A into a near depleted
>battery just a little above idle (in addition to running all vehicle loads)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

107. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: John D Erskine <VA7JD@rac.ca>
Date: Mon, 14 Aug 2000 12:41:20 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102654-2000.08.14-15.17.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 14:11 14/8/00 -0400, Bathgate, Ed wrote:
>
>Ok Gentlemen
>
>Bill did an estimated 63.6 AH current drain just from the rig.
chomp

>My current plans:
Groan!

>1. My D700 is going to be shutoff when the engine is off.
chomp

>Thanks for the opinions and math work!
>
>73
>
>Ed N3SDO

Sri, JD mailto:VA7JD@rac.ca "hee hee,..." "shaddup!" "sri, must be the
java...hee hee"
John D. Erskine

     Young friends and old whisky are burning inside" Stan Rogers

mailto:yd794@victoria.tc.ca Victoria, BC, Canada
Victoria Nautical Song Circle http://victoria.tc.ca/culture/vnsc
Victoria Marine Rescue Soc./Cdn. Coast Guard Aux Unit 35(Victoria)
http://www.vrms.org/ mailto:jd@rescueteam.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

108. [htaprs] RE: THD7 Upgrade, Hats off to Kenwood

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 14 Aug 2000 15:24:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102656-2000.08.14-15.31.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wish I could say the same. Sent my TH-D7 to Kenwood West July, 17 - it was received by them July 20th. On August 7, called them and asked for an update on the status of my radio as I had heard nothing from them to that point. The person on the phone couldn't find the status my HT (it was in the computer) and promised to call me back right away. That never happened. On August 8th called Kenwood again. Spoke to Carmen, she said she whould have to check the status of my TH-D7 too, and would call me back. An hour later Tina called me back and gave a standard "Corporate Apology/Non-apology," but said they did indeed have my HT and would put a rush on it. She said the update would be done that day. Well it's now August 14, and still no TH-D7. We're fast approaching a month. I guess I'll call them tomorrow and see what their story is this week. It should be entertaining. :) Maybe they'll get it back to me by September? Anyone want to start a pool?

73,

Mark
KC7BXS

At 03:51 AM 8/14/00, Fred Halley Jr. wrote:

>I sent my THD7 to Kenwood East for the "G" upgrade. They acknowledged
>receipt of the radio on 8/4/00. I had the radio back on 8/9/00 with the
>upgrade complete and working great.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

109. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 14 Aug 2000 15:51:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102663-2000.08.14-15.59.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:56 PM 8/14/00 -0500, Mark Fellhauer wrote:

>If you actaully look at the charge rate of a modern vehicle you would see
>that it would take several hundred miles of driving to fully charge a
>battery that had been discharged to less than 10 volts. Yes, you may
>have an 80A alternator (my LeBaron had a 90 amp job, since it had power
>everything, including the "star wars" dashboard), but the regulator
>actually only lets through a few of those amps to charge the battery.

That's 80 A into the battery, exclusive of the load. Measured. I didn't think to measure the total output of the alternator, it wasn't what I was looking for at the time.

>Most battery manufacturers recommend using a charger on a battery after it
>has been discharged to a point below where it can't crank a car, even
>after a jump start. I would recommend that every ham invest the $25 or
>$30 in an underhood trickle charger and at least once a week pull the
>specific gravity or voltage on their battery and then charge the battery
>as necessary. If you buy a charger with automatic float, just hook it up
>once a week overnight.

I'd love to, but mechanical considerations make it difficult.
I've thought about solar panels too, but after that last hailstorm, I don't
think I'd go for that either...
--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

110. [htaprs] Doggy APRS Info

From: Peter Anderson <panderson@CenterPartners.com>
Date: Mon, 14 Aug 2000 15:10:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102668-2000.08.14-16.16.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As you all know I have been asking about the alternate frequency for APRS.
As it comes up I have decided to go with the regular frequency for the APRS
to be able to track my dog with pack on tromping through the forest. I have
a GPS wired to a HTX-202 (Yes, I still have one) to avoid the D7A getting
banged up. I will be running this test next weekend for all who want to see
if we (the both of us, dog and person) show up on findu.com I will be N0WRE
and will have the note Chest pack and my dog will be N0WRE-1 with the note
doggy pack. If you can find either of us let me know as we will be in Estes
Park for the weekend so there may or may not be a signal on findu.com

Tanks for all the information you submitted for my asking.

Peter Anderson (Tech)
Work Phone: (970) 206-8415 Ext:6401
Home Phone: (970) 988-6045
Pager: (970) 278-2631

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

111. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Christopher Arndt <clarndt@slonet.org>
Date: Mon, 14 Aug 2000 14:10:37 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102670-2000.08.14-16.17.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can get a device called a Charge Guard CG-12D that will do that if you
can't get the radio to do it. I put one in my wife's 4Runner to control
her D700, and the cell phone. It can be set from a few minutes to a couple
of hours (I think). It's smart, and only has 3 connections. Battery, load
and ground. It operates by sensing battery voltage, and will shut off on
low voltage as well as time.

On Mon, 14 Aug 2000, Bathgate, Ed wrote:

>
>
> Gentlemen
>
> I had gotten accustomed to leaving my GPSIII + KPC-3 + Htx242 ht tracker on
> all the time when it was in my truck. I also used to leave my RatShack
> HTX-242
> mobile turned on during the same length of time with no dead battys.
>
> Now that I have the D-700, I have run my battery down 2 times, to the point
> the truck would not start. Last week, I jumped it, and it was ok. This
> morning I had to put the charger on it. TMD-700 was left on since friday
> evening after work, saturday & sunday, & monday till 8am. Even the D700
> shut down as did the gps. I suspect the batty voltage went below 9v or so
> to cause that.
>
> Has anybody else experienced this radio draining a vehicle battery after
> about 63 hours?
>

> I did not think this radio drew that much power, but evidently it does.
>
> Is there a way to reprogram the autopoweroff mode to ignore squelch openings
> and only respond to button presses? Otherwise, in APRS mode, it will never
> go to sleep.
>
> Ed N3SDO
>
> Ed Bathgate
> MFG Engineering Technician.
> Bldg 4. (724) 742-6575
> Marconi
>
> ---
> You are currently subscribed to htaprs as: carndt@slonet.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

112. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Mon, 14 Aug 2000 14:15:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102671-2000.08.14-16.20.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Assuming that the vehicle is being operated with fairly minimal loads right
after being started (not comfortable in some parts of the country, for
sure!) then most of the current capability of the alternator should be put
into the vehicle battery, to bring its voltage back up. This DOES assume
that things like the blower motor, A/C compressor clutch, head lights,
engine cooling fan, etc. are NOT running, i.e. daytime running conditions in
temperate climate conditions, with accessory operation disabled. If under
those conditions immediatly after starting the vehicle, you see low charge
current, goose the engine a little. If the charge current is still low,
then it's time to suspect the resistance of wiring between the battery and
alternator. If the alternator is voltage-limiting (not current or capacity
limiting) at that point, then you have a high resistance point in the
charging system. Note that if the battery has not been being discharged by
alternate loads (like leaving radio gear, headlights, etc.) turned on, that
high-current charge phase will not last long, perhaps 5-10 seconds, because
all that's being done is returning to the battery that energy taken out to
crank the engine. Of course, with most vehicle instrumentation, there's no
way to tell - you have to use alternate means to monitor the charge current,
and techniques that don't impose any resistance in the circuit, otherwise
you're creating the circumstance you're trying to confirm. One method (that
comes at significant cost) is to use a DC-capable clamp-on current sensor to
measure current flow in/out of the battery. Fluke offers these, but as I
recall, the going rate is about $180. An ammeter with a beefy (and hence
low voltage drop) shunt could be used also. Measuring the voltage
difference between the alternator output terminal and the positive battery
post would be a good indication - you should never see more than a 0.5 volt
difference between these spots unless you're using a diode isolator for
running a dual-battery system. In that case, do two voltage measurements -
from the alternator to the anode, and from the cathode to the battery.
Anything more than about 0.1 volts drop warrants your attention, because
with the internal regulators standard on most alternators, the 0.7 volt drop
of these isolators is already dropping the available regulated voltage for
fully charging the battery to marginal levels. By the way, a favorite spot
for low charge current due to high resistance to creep in is at the main
power connector through the firewall. This is a spot that can be subject to
corrosion and moisture, and sometimes the charging path to the battery
involves passage through this big multi-pin connector. This has happened to
me - and it took a while before I figured out that a loosening connector was
the cause of low charging current and wide voltage swings under heavy load
conditions. The battery tried to make up where the alternator could not
(idle conditions with all accessories running) like it's supposed to, but
the high resistance in the connector meant that the voltage to lights and
fans was dropping to about 9 volts - very obvious - at stop lights.
Unfortunatly I found a direct replacement for the single terminal in the
connector block unobtainable, so I ended up wiring around it. When I did
so, normal operation (as I had been used to it) was immediatly restored -

and the battery got its first good charge in weeks. Again, assuming that
you're not using a lot of the alternator capacity somewhere else, and that
the amp-hour rating of the battery is somewhere in the 80-100 AH area that's
typical for a group 24 or group 27 car battery, you should be able to
estimate the time to recharge the battery pretty easily - add about 50% to
100% to the time allowance to accomodate the tapering off effect and the
consumption of other loads. The recharge function will be more a function
of time than speed in most newer vehicles, because the alternators are
generally being spun faster than in older vehicles to keep the voltage up,
so that the need to draw from the battery under stop and go driving with
lots of loads online is reduced or eliminated. The result is that they
usually achieve full output at low speeds, rather than requiring the session
on the freeway that was more common in the good 'ole days.

>If you actaully look at the charge rate of a modern vehicle you would see
>that it would take several hundred miles of driving to fully charge a
>battery that had been discharged to less than 10 volts.   Yes, you may have
>an 80A alternator (my LeBaron had a 90 amp job, since it had power
>everything, including the "star wars" dashboard), but the regulator
>actually only lets through a few of those amps to charge the battery.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

113. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Christopher Arndt <clarndt@slonet.org>
Date: Mon, 14 Aug 2000 14:16:30 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102673-2000.08.14-16.24.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Optima batteries can be gotten from www.galls.com, too.

On Mon, 14 Aug 2000, Mark Fellhauer wrote:

>
> years ago, after repeated problems with batteries going dead, I went out
> and purchased an Optima "spiracell" deep cycle battery.   Problem
> solved.   Yes, it was 3 times more expensive than an average car
> battery.   But knowing that my car will start when I leave work at 11 PM in
> a South Dakota January is worth every penny.   Sure, the security people at
> work will come out and give me a jump start.   But have you every tried
> doing this when the wind is blowing 40 MPH and it's -30?   It's really hard
> to push-start a car when there's 2 feet of snow on the ground...
>
> http://www.optimabatteries.com/main.htm
>
> Other benefits are that the battery has the reserve capacity to power all
> my APRS toys and still start my car.
>
> The only problem I had was finding and installing the battery.   I had to
> go to several car parts stores before I found one that would order the
> battery for me, and then the Optima battery is a little taller and fatter
> than the battery designed for my Geo. I had to modify the battery tray
> slightly and re-route the battery cables.   All of which took about 1/2
> hour.   Well worth the effort.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

114. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 14 Aug 2000 16:29:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102674-2000.08.14-16.36.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:51 PM 8/14/00, you wrote:
>At 02:56 PM 8/14/00 -0500, Mark Fellhauer wrote:
>
>>If you actaully look at the charge rate of a modern vehicle you would see
>>that it would take several hundred miles of driving to fully charge a
>>battery that had been discharged to less than 10 volts. Yes, you may
>>have an 80A alternator (my LeBaron had a 90 amp job, since it had power
>>everything, including the "star wars" dashboard), but the regulator
>>actually only lets through a few of those amps to charge the battery.
>
>That's 80 A into the battery, exclusive of the load. Measured. I didn't
>think to measure the total output of the alternator, it wasn't what I was
>looking for at the time.

The regulator may allow for an large inrush of current to feed the battery
for a small period of time, but a properly running charge circuit on a car
(with a good battery) should prevent a normal charge rate above C/10. Any
more would be detrimental to the battery. A partially discharged wet cell
can soak up a whopping amount of current for short periods of time, but if
you were to run 80 amps into an automotive battery for say 25 to 30
minutes, it would most likely gas out 'til the plates were exposed and then
the battery would probably explode or catch fire. My wimpy 12 amp charger
is enough to make car batteries "boil" within 15 or 20
minutes. Outgassing in normal when charging a wet cell, but if the
battery is making gurgling sounds you're charging it at too high a rate.

>>   I would recommend that every ham invest the $25 or $30 in an
>> underhood trickle charger and at least once a week pull the specific
>> gravity or voltage on their battery and then charge the battery as
>> necessary. If you buy a charger with automatic float, just hook it up
>> once a week overnight.
>
>I'd love to, but mechanical considerations make it difficult.
>I've thought about solar panels too, but after that last hailstorm, I
>don't think I'd go for that either...

An underhood trickle charger is about 4"x5"x1.5" and many can mount right
to the battery in many cases. Or it can be remote mounted to the firewall
or any convenient location via 18 guage wire.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

115. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 14 Aug 2000 16:42:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102677-2000.08.14-16.50.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>The regulator may allow for an large inrush of current to feed the battery
>for a small period of time, but a properly running charge circuit on a car
>(with a good battery) should prevent a normal charge rate above
>C/10. Any more would be detrimental to the battery. A partially
>discharged wet cell can soak up a whopping amount of current for short
>periods of time, but if you were to run 80 amps into an automotive battery
>for say 25 to 30 minutes, it would most likely gas out 'til the plates
>were exposed and then the battery would probably explode or catch
>fire. My wimpy 12 amp charger is enough to make car batteries "boil"
>within 15 or 20 minutes. Outgassing in normal when charging a wet cell,
>but if the battery is making gurgling sounds you're charging it at too
>high a rate.

No unusual symptoms, but I'm sure it dosen't keep that up for long. The bat
voltage will rise, and then the voltage regulator will limit the charge, as
normal for lead acid.

>An underhood trickle charger is about 4"x5"x1.5" and many can mount right
>to the battery in many cases.   Or it can be remote mounted to the
>firewall or any convenient location via 18 guage wire.

I can't easily get any energy out to the car though.. :-(

Maybe a microwave beam! :)

--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

116. [htaprs] Solar Battery Chargers [Was: Kenwood TMD-700 auto power off / dead battery in my truck.]

From: Arte Booten <n2zrc@webspan.net>
Date: Mon, 14 Aug 2000 18:06:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102682-2000.08.14-17.19.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Dave VanH. wrote:

>I've thought about solar panels [to keep a car battery charged] ...

     Do any SIGgers have experiences with those on-the-dash solar cells
advertised to keep the car's battery topped off? Since I've been mostly
using my boss's truck the past few years, I find my own vehicle sitting
in the parking lot across the street most of the time. I'm only driving
it about once or twice a month, if that much, and would like to know it
will start without a jump the next time I get in.

     The APRS connection? It's N2ZRC-12, of course! V7a & Pico w/GPS.
+--+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03
+--+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

117. [htaprs] Re: Solar Battery Chargers [Was: Kenwood TMD-700 auto power off / dead battery in my truck.]

From: David VanHorn <dvanhorn@cedar.net>
Date: Mon, 14 Aug 2000 17:53:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102691-2000.08.14-18.02.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>   Do any SIGgers have experiences with those on-the-dash solar cells
>advertised to keep the car's battery topped off? Since I've been mostly
>using my boss's truck the past few years, I find my own vehicle sitting
>in the parking lot across the street most of the time. I'm only driving
>it about once or twice a month, if that much, and would like to know it
>will start without a jump the next time I get in.

Best I've seen is about 200mA full sun. That's not much, but it's better
than nothing.

--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

118. [htaprs] Re: what in the world am I doing wrong?

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Mon, 14 Aug 2000 18:49:55 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102692-2000.08.14-18.04.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK...I think I have it going thanks to Byron! You all won't believe what the problem was...the TNC was set up properly. The GOS unit needed adjustment! According to Byron's instructions, I changed the nav format to Hddd mm.mmm, and this didn't work either. Then looking at how my location is formated in APRS+SA, I changed the format to Hddd.mmmm and the damn thing is working fine now. Haven't seen any docs on this "feature" yet...but look for KA2TLU-9 and that will be the unit in test mode at the house.

Todd Ellis, N2XL
Raleigh, NC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

119. [htaprs] Re: what in the world am I doing wrong?

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 14 Aug 2000 16:20:52 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102700-2000.08.14-18.27.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 14 Aug 2000, Todd Ellis wrote:

> OK...I think I have it going thanks to Byron! You all won't believe what
> the problem was...the TNC was set up properly. The GOS unit needed
> adjustment! According to Byron's instructions, I changed the nav format to
> Hddd mm.mmm, and this didn't work either. Then looking at how my location
> is formated in APRS+SA, I changed the format to Hddd.mmmm and the damn thing
> is working fine now. Haven't seen any docs on this "feature" yet...but look
> for KA2TLU-9 and that will be the unit in test mode at the house.

That makes no sense. Assuming NMEA 0183 2.x format, the lat/lon doesn't change format in the NMEA sentences. On Garmins the Datum DOES affect the NMEA data, but that's it (and that wouldn't affect whether or not the whole thing worked, it would have just shifted your position on the map a little bit). The nav format will only change what is displayed on the LCD, not the NMEA data.

Must have been something else. Gremlins maybe.

Curt Mills, WE7U hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

120. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Tim Yeatman <tyeatman@aei.ca>
Date: Mon, 14 Aug 2000 20:01:12 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102705-2000.08.14-19.08.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ed, I use a device called an EMeter by Cruising Equipment on my solar setup. It is like a battery gas guage and measures a shunt inserted into the negative battery terminal. It gives readings of present battery voltage, charge or discharge amps, percent of capacity and a bunch of other stuff. It

can be ordered with an optional rs232 interface. Very usefull. The base
model is around $150 usd. There is another similar but larger one called the
TriMetric.

"Bathgate, Ed" wrote:

> Ok Gentlemen
>
> Bill did an estimated 63.6 AH current drain just from the rig.
> The GPS uses mimimal current, it can run off of penlight batts,
> but it too is running off the Truck battery.
>
> This leaves 3 possibilities... Either my truck batty has only
> about 61 AH capacity, or my batty is going bad, or there are
> additional loads taking place through my electrical system.
>
> My current plans:
> 1. My D700 is going to be shutoff when the engine is off.
> 2. Im going to carry a notepad and digital volt meter with me
>   and monitor my batty voltage to search for losses.
> 3. Im gonna keep jumper cables behind my seat!
>
> Thanks for the opinions and math work!
>
> 73
>
> Ed N3SDO
>
> ---
> You are currently subscribed to htaprs as: tyeatman@aei.ca
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

121. [htaprs] thd-7 no position on winaprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 14 Aug 2000 17:08:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102708-2000.08.14-19.12.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i got a lot of direct e mail today from hams that have the same problem with
the thd-7G

i went to the pc and reset all the tnc comands in packet mode to match the
printout i had on the thd7A

found gps text and ltext different   any how that did not change anything
to do with aprs.

i ran the thd7-g on winaprs and all works normal but the stand alond
thd7-g with or without a gps does not send out lat long or status message

i did find myself and n6bg via findu out in the atlantic ocean

i think byon is on a thd7g also. we are both at the same place

in local winaprs keep zooming in and look for yourself far east if you are
with thd7 g problems.

if anyone calls kenwood before i do let us all know what the scoop is.

73

steve las vegas

to find out how many hams have a problem like this, respond to this sig
with header message thd7g position problem

if you found a soluton let us know

find me on a map!   go to   http://map.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

122. [htaprs] RE: Solar Battery Chargers [Was: Kenwood TMD-700 auto power off / dead battery in my truck.]

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 14 Aug 2000 21:57:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102724-2000.08.14-21.03.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Arte Booten
> Sent: Monday, August 14, 2000 6:06 PM

>
> Hi all,
>
> Dave VanH. wrote:
>
> >I've thought about solar panels [to keep a car battery charged] ...
>
>   Do any SIGgers have experiences with those on-the-dash
> solar cells advertised to keep the car's battery topped off?
> Since I've been mostly using my boss's truck the past few years,
> I find my own vehicle sitting in the parking lot across the street
> most of the time. I'm only driving it about once or twice a month,
> if that much, and would like to know it will start without a jump
> the next time I get in.

 They work out very well. You will see the difference in performance
even after a single day or a few days, the battery will be topped off
and will start just that much easier. The charge rate of these small
panels is small enough that there is little worry about overcharge. Plus
its only "on" for 6-12 hours per day. I have used it on a vehicle and
eeked an extra six months out of a marginal battery and then when I put
the new battery in left it in place. A guy here in town has a humongous
crew cab trck with 8 foot bed and dual batteries. He is set up for the
second battery only paralleled to the first if the engine is running. He
has a 20 watt flexible type solar panel mounted on his roof, wired
through a diode splitter that keeps them both topped off when the engine
is off.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

123. [htaprs] thd7G middle of atlantic

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 14 Aug 2000 18:59:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102725-2000.08.14-21.03.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i see a lot of hams in the middle of the atlantic ocean, if you are on a
thd7-G do you see yourself on winaprs or findu.com?

find me on a map!   go to   http://map.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

124. [htaprs] kd4ufd-14 thd7G winaprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 14 Aug 2000 19:06:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102726-2000.08.14-21.10.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

here in vegas kd4ufd-14 is being fed via digi, but on my winaprs 246 map
the station is in the atlantic ocean but on find u he is in california

in the data stream there is no posit info shown on history via winaprs its
kd4ufd-14>svrstp,relay,wide:

i just wonder if its a thd7 G?

find me on a map!   go to   http://map.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

125. [htaprs] Re: kd4ufd-14 thd7G winaprs

From: "Chris Arndt" <carndt@slonet.org>
Date: Mon, 14 Aug 2000 20:06:19 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102737-2000.08.14-22.10.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I noticed this problem with 2.4.6. Dropping back in versions fixed it. I
think I went to 2.2.8. Also, it seems to be fixed in 2.4.7. 2.4.7 isn't on
the TAPR site, but the update is at
ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/

********** REPLY SEPARATOR **********

On 8/14/00, at 7:07 PM, STEVE SCOTT LAS VEGAS wrote:

>here in vegas kd4ufd-14 is being fed via digi, but on my winaprs 246 map
>the station is in the atlantic ocean but on find u he is in california
>
>in the data stream there is no posit info shown on history via winaprs
its
>kd4ufd-14+AD4-svrstp,relay,wide:
>
>
>i just wonder if its a thd7 G?
>
>
>
>
>
>find me on a map+ACE-   go to   http://map.findu.com/kd8s-7   works
only
>if i am sending my position out   and in satellite range
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

126. [htaprs] thd7G winaprs old version

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 14 Aug 2000 20:35:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102743-2000.08.14-22.39.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

it was suggested to load a old version or winaprs and see if my position is
corrected with my thd7G i think i will do that tomorrow. if that works, i
means something in winaprs 246 is weird.

thanks for the suggestions

73
find me on a map! go to http://map.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

127. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: "Joe B. Dorn" <joedorn@stonemedia.com>
Date: Tue, 15 Aug 2000 09:28:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102824-2000.08.15-09.40.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I carry one of the 'Battery Powered Jumpers', the plastic encased batteries
available from Sam's and other such places for about 50 dollars. IT WORKS!!!
There is now one available with 110v inverter for not much more. I also use
it as supplemental power on long events such as parades for my HT. I strap
it on the back of my ATV and don't worry about the amount of
transmissions...

The unit has been called into jumper service several times with quick starts
every time... We don't leave home without it...

Joe Dorn, W5VEX, Belton, Texas

-----Original Message-----
From: bounce-htaprs-15400@lists.tapr.org
[mailto:bounce-htaprs-15400@lists.tapr.org]On Behalf Of David VanHorn
Sent: Monday, August 14, 2000 3:52 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my
truck.

At 02:56 PM 8/14/00 -0500, Mark Fellhauer wrote:

>If you actaully look at the charge rate of a modern vehicle you would see
>that it would take several hundred miles of driving to fully charge a
>battery that had been discharged to less than 10 volts. Yes, you may
>have an 80A alternator (my LeBaron had a 90 amp job, since it had power
>everything, including the "star wars" dashboard), but the regulator
>actually only lets through a few of those amps to charge the battery.

That's 80 A into the battery, exclusive of the load. Measured. I didn't
think to measure the total output of the alternator, it wasn't what I was
looking for at the time.

>Most battery manufacturers recommend using a charger on a battery after it
>has been discharged to a point below where it can't crank a car, even
>after a jump start. I would recommend that every ham invest the $25 or
>$30 in an underhood trickle charger and at least once a week pull the
>specific gravity or voltage on their battery and then charge the battery
>as necessary. If you buy a charger with automatic float, just hook it up
>once a week overnight.

I'd love to, but mechanical considerations make it difficult.
I've thought about solar panels too, but after that last hailstorm, I don't
think I'd go for that either...
--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: joedorn@stonemedia.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

128. [htaprs] Re: thd7G middle of atlantic

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Tue, 15 Aug 2000 08:26:45 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102836-2000.08.15-10.33.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 14 Aug 2000, STEVE SCOTT LAS VEGAS wrote:

> i see a lot of hams in the middle of the atlantic ocean, if you are on a
> thd7-G do you see yourself on winaprs or findu.com?

I have the same sort of problem, but am NOT running a TH-D7A or D700A.
I'm running a TinyTrak.

The commonality here is that most of the people that end up in the
ocean are running MIC-E formatted packets. MIC-E allows 4 or 5
non-printable ASCII characters to be used in the longitude field
and some other fields (but not for the latitude). Any TNC or
computer that is filtering out control characters or the DEL character
will cause the position to be off. On an AEA TNC the "afilter" and
"mfilter" commands will filter some of these characters by default.

        afilter off
        mfilter 0

Will prevent the loss of these characters on an AEA TNC. If you're
using other TNC's, check for other commands that might be set
inappropriately.

Here are some of my packets after they have been expanded by various
APRS client software, to show you where the problem lies:

Tue Aug 15 07:41:07 2000
WE7U-12>APD213,RELAY*,WIDE5-4:@151343z4757.10N/12211.98Wj175/054/E>dsy/M1/Enroute...

Tue Aug 15 07:41:10 2000
WE7U-12>APRS,RELAY*,WIDE5-2:@151534z4757.10N/12211.96Wj175/054/Mic-E/M1/Enroute>

Tue Aug 15 07:42:07 2000
WE7U-12>APD213,RELAY*,WIDE5-4:@151344z4756.18N/02211.83Wj170/052/E>dsy/M1/Enroute...

Tue Aug 15 07:42:09 2000
WE7U-12>APRS,RELAY*,WIDE5-4:@151535z4756.16N/02211.81Wj170/052/Mic-E/M1/Enroute>

Tue Aug 15 07:42:10 2000
WE7U-12>APRS,N7IFJ-10*,WIDE5-1/1:@151437z4756.18N/02211.83Wj170/052/E>dsy/M1/Enroute...

Tue Aug 15 07:42:11 2000
WE7U-12>APRS,RELAY*,WIDE5-1:@151537z4756.16N/02211.81Wj170/052/Mic-E/M1/Enroute>
WE7U-12>APD214,RELAY*,WIDE5-1:!4756.18N/02211.83Wj170/052/Mic-E/M1/Enroute...

See the problem (latitude field)? This is most likely due to
either APRS client software doing an incorrect expansion of the
MIC-E packet, or due to one of the non-printable ASCII characters
getting dropped somewhere.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

129. [htaprs] Alinco with TNC

From: "Tom Hoedjes (HB9DOD)" <al0l@arrl.net>
Date: Tue, 15 Aug 2000 18:28:55 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102848-2000.08.15-11.36.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there,

Has anybody alread some experiences wit h the new alinco with built-in tnc..

I am curiuos what command set they have used...

It seems it has a tnc AND gps connector on it.....

73 de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

130. [htaprs] Re: Alinco with TNC

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Tue, 15 Aug 2000 09:46:01 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102853-2000.08.15-11.52.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 15 Aug 2000, Tom Hoedjes (HB9DOD) wrote:

> Has anybody alread some experiences wit h the new alinco with built-in tnc..
>
> I am curiuos what command set they have used...
>
> It seems it has a tnc AND gps connector on it.....

I already saw on one list (aprssig?) that the manual was available
on their site, and that it appeared to NOT have digipeat capability.
I haven't read it yet though.

Yes, it has a computer connector and a GPS connector. I heard a
price of around $330 with the TNC board installed. If they get
digipeat capability in there I'm going to be after one of them.

You're also supposed to be able to leave the GPS plugged in and
go between voice mode and APRS mode just fine.

I'm also interested in any experiences people have with them, but
I'm not sure they've hit the store shelves yet.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

131. [htaprs] RE: Alinco with TNC

From: "Rick Olsen" <n6nr@arrl.net>
Date: Tue, 15 Aug 2000 09:52:07 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102854-2000.08.15-11.58.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I finally had an opportunity to look at one yesterday. I will be doing a
review of the radio for 73 Magazine. No doubt there will be numerous
reviews over the next month or so. My first glance impression is that the
instruction set is very limited, and that the UIDigi command is not
implemented. I have not confirmed that to my satisfaction as of yet, so
stay tuned. I do know that the retail price will most likely fall to around
$300.00 due to competition among the various radio dealerships. This makes
it an attractive APRS tool when looking at the cost/benefits of the
alternatives.

More to come,

Rick Olsen, N6NR
Contributing Editor
73 Magazine

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

132. [htaprs] RE: Alinco with TNC

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Tue, 15 Aug 2000 10:02:42 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-102858-2000.08.15-12.08.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 15 Aug 2000, Rick Olsen wrote:

> I finally had an opportunity to look at one yesterday. I will be doing a
> review of the radio for 73 Magazine. No doubt there will be numerous
> reviews over the next month or so. My first glance impression is that the
> instruction set is very limited, and that the UIDigi command is not
> implemented. I have not confirmed that to my satisfaction as of yet, so

Please check for WIDE5-5 & TRACE5-5 type operation (is that the UIDIGI
stuff?) as we use that here in the Northwest. Even if it doesn't
support that, I'll buy one anyway if it has "myalias relay" capability.
I have a need to digipeat low-power trackers through vehicles to get up
to the WIDE's.

Good luck on the review. Look forward to it. Can you keep us all
posted on any severe negatives, so we don't waste our money on the
early models?

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

133. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Tue, 15 Aug 2000 11:14:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102860-2000.08.15-12.22.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Bathgate, Ed" <Ed.Bathgate@marconi.com>n wrote:

>Now that I have the D-700, I have run my battery down 2 times, to the point
>the truck would not start. ... TMD-700 was left on since friday
>evening after work, saturday & sunday, & monday till 8am. Even the D700
>shut down as did the gps. I suspect the batty voltage went below 9v or so
>to cause that.
>
>Has anybody else experienced this radio draining a vehicle battery after
>about 63 hours?

Nope. For me it runs down quicker. Where can I get a battery as good as

yours? I'm serious, read on...

>I did not think this radio drew that much power, but evidently it does.

The specs in the manual will tell the story. I think that the HTX-242 draws about 1A on receive, but this figure depends on whether the squelch is closed or open, and if open what load is placed on the audio output. I don't know the input impedance on the D700, again check your specs.

Now do the math, using a figure of about 65 to 85 amp hours for a typical starter battery. Sounds to me like you may be getting your money's worth out of that battery! Fine business on that.

My experience with starter batteries is that they are really terrible when used as if they were deep discharge types. Take two batteries of the same size and weight (i.e., same amount of lead in them), one is a marine deep discharge style, the other is an automotive starter style. In my limited experience (I've only killed two starter batteries so far with my tracker), the deep discharge gives me about 2x to 3x as much energy as the starter battery before it quits.

To sum up, your battery is doing *very* well in spite of what you're subjecting it to. Do the battery a favor and recharge it via running the engine every day or two, lead-acid batteries die soon if they spend most of their time in a discharged state, even partially discharged.

But then the other question is why leave a tracker powered up if it's stationary and unattended for 1/2 a week at a time...

73,
Tony KD7TA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

134. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Tue, 15 Aug 2000 11:42:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102865-2000.08.15-12.50.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Fellhauer <sparkfel@primenet.com> wrote:

>The problem was
>made worse by the fact that the car was driven about 14 miles round trip on
>any given workday, which is not even close to enough to charge an already
>taxed battery.

At the risk of starting the next great APRS SIG Thread, let me add a bit more to this discussion. If a starter battery doesn't get recharged on a 7 mile drive it's definitely time to get the charging system repaired or battery replaced.

Let's say you draw 600 amps for 2 seconds to start your car, that's 1200 amp-seconds or 0.33 amp-hour. If your alternator can produce the typical 50A or more, it should be recharged within 2 minutes assuming the battery isn't beat up.

In fact I monitor the recharge on my battery all the time, courtesy of the voltage readout on my Yaesu FT8100 mobile rig. Sure enough, the voltage drops from 14.8V down to 14.3V or less within 2 minutes, indicating that the charger circuitry is sensing that battery is topping off.

Finally, the 63 hours of running a D700 indicates that the battery *was* in excellent shape. It's not any more though, as discharging a starter battery that deep has damaged it, as well as being in a semi-discharged state for so long in the interim. Lead acid batteries like to be in a fully recharged state as much as possible, anything else is life-reducing.

My personal limit for unattended tracker use is now 24 hours, derived from my experience of a too-deep discharge happening within 48 hours. And that's with a brand new large battery. That need for a jump start happened because I thought that the previous battery, a 2-year old one, must have been wimpy when it died within 48 hours, so surely a new battery would last longer. Not!

Now I know the old one was just fine - until I worked it too hard that is.
Mea Culpa.

73,
Tony KD7TA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

135. [htaprs] null modem

From: Carl Littlejohns <carl_mail@dr.com>
Date: Tue, 15 Aug 2000 19:20:47 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-102872-2000.08.15-13.22.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is this wiring chart correct? I believe it is, but I guess folk here
will know (and others might find it a useful summary)
It calculates three types of null modem adaptor....
A-C, A-D and B-C

A	B		C	D
9	25		25	9
way	way		way	way
can	1	=	1	can
3	2	=	3	2
2	3	=	2	3
7	4	=	5	8
8	5	=	4	7
6	6+8	=	20	4
5	7	=	7	5
4	20	=	6+8	6

Carl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

136. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Gary <n3hcp@nbn.net>
Date: Tue, 15 Aug 2000 14:45:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102878-2000.08.15-13.51.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:42 AM 8/15/00 -0600, you wrote:
>Mark Fellhauer <sparkfel@primenet.com> wrote:
>
> >The problem was
> >made worse by the fact that the car was driven about 14 miles round trip on
> >any given workday, which is not even close to enough to charge an already
> >taxed battery.
OK, my 2 cents worth. I have had the same situation. My solution was to
install a Ramsey ($5.00 kit) timer and a couple of relays. When the ignition
goes off, the KPC3 goes from every minute to every 15 minutes and after
3 hours the entire tracker (HTX-242, KPC-3+, Tripmate) shuts down. The
theory here
is that who cares where my truck is after 3 hours in the same place? If I
come back to the truck in less then 3 hours, the system is powered up
and ready to go. In the morning it may take a couple minutes for the GPS to
lock up, but that's a small price to pay for not needing to worry about the
battery and clogging up the network with unnecessary and redundant packets.
The system is fully automatic, but only works it the GPS will self start
and the TNC
will support the CLEAR statement in the GPSHEAD setting.

IMHO this solves a number of problems. I have a fully automatic tracker,
the network
isn't full of old position reports, my starter battery is safe, and I'm a
happy camper!

Gary
N3HCP
http://www.n3hcp.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

137. [htaprs] Re: Kenwood TMD-700 auto power off / dead battery in my truck.

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Tue, 15 Aug 2000 15:10:00 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102894-2000.08.15-15.16.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:42 PM 8/15/00, Tony Arnerich wrote:

>Mark Fellhauer <sparkfel@primenet.com> wrote:
>
> >The problem was
> >made worse by the fact that the car was driven about 14 miles round trip on
> >any given workday, which is not even close to enough to charge an already
> >taxed battery.
>
>At the risk of starting the next great APRS SIG Thread, let me add a bit more
>to this discussion. If a starter battery doesn't get recharged on a 7 mile
>drive it's definitely time to get the charging system repaired or battery
>replaced.

Try reading the whole post. My point was that a battery with more than a 15% depth of discharge will not be charged in 7 miles, especially if your charging system is operating properly. If you don't believe me, ask a battery manufacturer or speak to someone who actually designs charging systems for vehicles. ANY battery manufacturer will tell you that if you discharge a starter battery to a point where it will no longer crank the vehicle it should be put on a stationary charger (as soon a possible) until fully charged - because it will take several hours of driving to fully charge a battery. I actually used to work in the service department of the largest Nissan dealership in the country and sat through several tech classes taught by the factory engineers. Charging ANY battery over a rate of C/10 for more than a few minutes will seriously shorten it's life.

Furthermore, letting my LeBaron sit over the weekend to the point at which it would barely start and then driving it 7 miles, only to shut it off for 7-8 hours (used a company car during the day), with the DRAIN on the battery still there, assured that the battery was never getting fully charged. Think about it...

BTW, the LeBaron was fully scoped (on a $1200 battery/charging system analyzer) by a local shop that was very competent and specialized in electrical systems, and the car had a brand new alternator/regulator & battery. Their diagnosis: Too much load on the battery with the vehicle shut off and not enough driving. Same as mine. The problem started when I changed jobs; before, I had been driving 36 miles per day in the car just to get to work, and then usually driving another 4-10 miles during the work day. After changing jobs the car would barely get up to operating temperature before I got to work...

The car was now 12 years old, street tired, needed a new top, new interior, new suspension, the A/C had died, (it had new brakes and tires)... so for $400 I sold the car to a young woman who worked at a day-care center less than 2 miles from her house, and she had several problems with the car not starting, so I went and pulled the pager alarm from under the dash (which was drawing something like 325 ma with the car shut off). And I pulled the fuse from the main alarm (which had quit working) and it was drawing like 85 ma with the car shut off. The starting problems went away after that. I do not know why the pager alarm required that much current.

As a funny aside, she had the car for about a 16 months and stopped driving it because would no longer pass emissions. The car had something like 190,000 miles on it. The engine's number one cylinder valves were burned down to nubbins (based on the spark plug ashing), but the car still ran OK,

because the turbocharger was keeping the compression up. Mileage had
dropped to under 18 MPG.   She put a for-sale sign on it. Some guy came
out to look at the car, and she explained it drove but needed top-end
work. He popped the hood and took one look at the alternator (the spiffy
heavy duty one I'd put in less than two years before).   He told her he
didn't want the car, but would give her 100 bucks for the alternator.   She
told him he could have the alternator, but he'd have to take the car
too!   He gave her a couple hundred bucks and drove off... That was
1997.   Funny thing, a friend of mine SWEARS he saw the car driving a few
months ago, still plying the streets of Phoenix. :)

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

138. [htaprs] Re: Doggy APRS Info

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 15 Aug 2000 23:38:31 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102917-2000.08.15-18.46.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>As you all know I have been asking about the alternate >frequency for APRS. As it comes up I have
decided to go with >the regular frequency for the APRS to be able to track my >dog with pack on tromping
 through the forest.

After resetting my D7 last month, but before reentering the memory channels, I noticed one day that the
APRS traffic was sparse. There only seemed to be a couple of stations out there. I suddenly realized
that the frequency was 144.395, but APRS packets were coming in.
No, I don't remember the call signs, nor did I write tnem down. It was either some transmitter freq
drift from a digi, or it was a small group that hopped up .005 mhz for some private comms.... You know
who you are!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

139. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 15 Aug 2000 23:38:34 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102918-2000.08.15-18.46.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>>This leaves 3 possibilities... Either my truck batty has only about 61 AH capacity, or my batty is
going bad, or there are additional loads taking place through my electrical system.

>>>My current plans:
1. My D700 is going to be shutoff when the engine is off.
>>>2. Im going to carry a notepad and digital volt meter with me
   and monitor my batty voltage to search for losses.
>>>3. Im gonna keep jumper cables behind my seat!

If all else fails, use the old CBer's trick for running linears while the vehicle is turned off: Run a
second battery in tandem, and for best results make them both Heavy Duty. You can get fancy autoswitches
 that isolate them so you can't draw both down to zilch, charge one at a time, etc.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

140. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: "Chris Arndt" <carndt@slonet.org>
Date: Tue, 15 Aug 2000 17:24:01 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-102924-2000.08.15-19.28.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Without a switch, this _may_ lead to starter problems down the line.
Starters and batteries are generally engineered as a system. Parallel
batteries can lead to the starter drawing too much current. Over time, this
can eat up brushes or the solenoid.

For a while, I had a decommissioned '69 Superior ambulance that was built
on a stretched Pontiac Bonneville chassis with the high output 428 pursuit
engine. Superior installed a second battery in parallel to handle all the
electrical loads, and I had the hardest time keeping starters in it. Now,
with the wisdom of age, I realize Superior may have put a beefier starter
in it originally, while I was putting in cheapo rebuilts that probably
couldn't handle the extra available current.

(and man, that baby could haul ass...)

********** REPLY SEPARATOR **********

On 8/15/00, at 4:59 PM, Wayne H. Sanderson wrote:

<deletia>

>
>If all else fails, use the old CBer's trick for running linears while the
vehicle is turned off: Run a second battery in tandem, and for best results
make them both Heavy Duty. You can get fancy autoswitches that isolate them
so you can't draw both down to zilch, charge one at a time, etc.
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

141. [htaprs] RE: Kenwood TMD-700 auto power off / dead battery in my truck.

From: David VanHorn <dvanhorn@cedar.net>
Date: Tue, 15 Aug 2000 19:38:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102925-2000.08.15-19.46.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:24 PM 8/15/00 -0700, Chris Arndt wrote:
>Without a switch, this _may_ lead to starter problems down the line.
>Starters and batteries are generally engineered as a system. Parallel
>batteries can lead to the starter drawing too much current. Over time, this
>can eat up brushes or the solenoid.

I've been thinking along this line, because my future may hold a pair of GE
deltas in addition to the existing system.
What looks best to me so far, is an additional battery located at the
transmitter, with a small boost switcher, probably 5-10A output bypassed
with a 100A diode, and with a reversing switch (on the booster only!)

Without the booster, you have a simple isolated battery, which is charged
when the engine is running, through the monster diode.

With the booster, you have better control of the charge voltage, plus the
ability (with the reversing switch) to charge the vehicle battery from the
backup battery. It's not fast, but it's pretty safe. No large currents
running around.

If the booster fails, you're back to the battery and diode, so it's a
fail-workable system.

The usual "oh-shit" fuses inline, with spares.

This also keeps the radio battery from interacting with the starter, since
it can only supply a maximum of 5A additional current. In my car, this is
enough to start the car, starting from "click, click, click, bzzzzt" in
about 10 minutes.

--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

142. [htaprs] MIC-E format [was: thd7G middle of atlantic]

From: "Byon Garrabrant" <byon@mail.com>
Date: Tue, 15 Aug 2000 21:19:32 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: APRSsig@tapr.org
Message-ID: <LYR845-102943-2000.08.15-23.26.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 15 Aug 00, at 8:26, Curt Mills, WE7U wrote:

> On Mon, 14 Aug 2000, STEVE SCOTT LAS VEGAS wrote:
>
> > i see a lot of hams in the middle of the atlantic ocean, if you are on
> > a thd7-G do you see yourself on winaprs or findu.com?
>
>
> I have the same sort of problem, but am NOT running a TH-D7A or D700A. I'm
> running a TinyTrak.
>
> The commonality here is that most of the people that end up in the
> ocean are running MIC-E formatted packets. MIC-E allows 4 or 5
> non-printable ASCII characters to be used in the longitude field
> and some other fields (but not for the latitude).

I think it is possible for a tracker to avoid non-printable ASCII
characters in the longitude field, and it is even possible to avoid
them int the SP and DC fields. However, it is NOT possible to avoid
them in the SE field. There is no way to encode a 0 degree
heading (a common heading) without the use of the ASCII char
0x1C.

What do others think of having a tracker add 4 degrees to a
heading whose mod 100 is 0? So, if the GPS reports a heading of
100, the tracker would encode that as 104, 0 would become 4.
This would be introducing error to the data, but resolving these
dropped character problems.

Or, should trackers just not use the MIC-E Data format due to this
inherent problem? Would compressed data format be better,
assuming the trackers could handle it?

Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

143. [htaprs] Re: what in the world am I doing wrong?

From: "hasan schiers" <schiers@netins.net>
Date: Wed, 16 Aug 2000 08:20:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-102994-2000.08.16-08.26.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A friend of mine (ka2hsv) who has a gps 12 told me that he discovered why
his packets weren't showing up on aprs properly. He said that if you do the
"self-test" (whatever that is), that the Garmin resets its comm parms back
to garmin/garmin instead of nmea. If you have been doing resets, you might
check that.

...hasan

----- Original Message -----
From: Todd Ellis <ellistr@booth-assoc.com>

To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Sent: Monday, August 14, 2000 12:37 PM
Subject: [htaprs] Re: what in the world am I doing wrong?

>
> Hey Brent/Bob:
>
> I'm using a Garmin GPS12, and later I will transpose all of the parameters
I
> have entered into the TNC. The Garmin is set up for NMEA, and have tried
> NMEA 180, 182, and 183 1.5 and 2.0 at 4800 baud. The Garmin is running
> version 457 firmware. I have used $GPRMC and $GPGGA. I will also cut and
> paste a transcript of the packets that the TNC is sending per Bob B.'s
> suggestion.
>
> Maybe we can get this thing working yet! ;)
>
> Todd Ellis, N2XL
> Raleigh, NC
>
>
> > -----Original Message-----
> > From: Brent Hildebrand [mailto:bhildebrand@earthlink.net]
> > Sent: Monday, August 14, 2000 9:24 AM
> > To: Todd Ellis
> > Subject: Re: [htaprs] Re: what in the world am I doing wrong?
> >
> >
> > It would be helpful to know what parameters you are using in you
> > TNC. Also, what does the data you are receiving on the TNC page
> > of APRS+SA looks like - just copy and paste it into a message.
> > Just be sure one understands what you are doing - you want to
> > have a stand-alone GPS tracker that is be monitored by a D700 or
> > APRS+SA (or other program) remotely. Note that the LT buffers do
> > NOT parse any data. You specify which NMEA sentences from the
> > GPS you want to see, and they are captured and then transmitted
> > as schedules. What GPS are you suing? Setting up a "Tracker"
> > with a Kantronics TNC is usually straight forward, but we need
> > more data on your situation.
> >
> > Brent Hildebrand, KH2Z
> >
> > APRS+SA
> > http://www.tapr.org/~kh2z/aprsplus
> >
> > []
> >
> > ----- Original Message -----
> > From: Todd Ellis <tellis6@bellsouth.net>
> > To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> > Sent: Monday, August 14, 2000 3:57 AM
> > Subject: [htaprs] Re: what in the world am I doing wrong?
> >
> >
> > Byron and others who answered my call for help last week:
> >
> > After wasting 3/4ths of Sunday working on this problem, I have
> > found some interesting issues. First, if you set up the KPC9612+
> > to only beacon, it will be successfully decoded by the D700 and
> > also show up on APRS+SA (my two test setups). This is where the
> > fun departs...
> >
> > If you are also trying to get the lat/long GPS data to be
> > filtered into the LT text position, it does not parse the
> > location information in a way that APRS+SA nor the D700 like to
> > see, and thus I get the dang "??" message again on the D700, and
> > nothing at all on the APRS+SA! If you look at the outbound data
> > packet for $GPGGA or $GPRMS with this unit, you will see each
> > data component being comma delimited. If you look at any other
> > location info from APRS+SA or the D700 or other stuff too, the
> > lat/long is not only formatted differently (3354.76 versus 33,
> > 54, 76), it also has a slash "/" between the lat and the long. I
> > was really ready to beat my already flat head onto a hard surface
> > when I realized nothing squirting out of the 9612 was going to
> > work. Oh, and BTW, the Xmit light on the second port turns on
> > and stays on after the very first location report. I am calling
> > Kantronics today to verify this stuff, and why I can't seem to

> > get this unit to work less a computer. There HAS to be a good answer.
> >
> > I'm sure this is a case of calling the kettle black, but as a
> > consultant working on various mobile data systems for clients all
> > over the country, this system (APRS/AX.25) seems far too
> > complicated to get working for a newbie (Bob B is making a
> > dartboard from my picture on QRZ.com right now). In fact, I
> > found two web pages from two sites that had two very different
> > suggested setup parameters for the TNC. I ended up using both
> > and throwing out what I figured wasn't usable as I went along.
> > Maybe this is why there is a hesitancy for folks to get involved
> > with APRS, and why of the VERY few trackers in the Raleigh, NC
> > area are all D700s or D7s. The rest are fixed stations using
> > APRSdos or WinAPRS or APRS+SA! Johnny-come-lately and all (I
> > started working qith APRS in January of this year), I have to
> > believe that all the other stations (I counted over 10 locals
> > yesterday alone) I see with "??" coming up on my display are
> > having the same kinds of problems and are chaulking it all up to
> > "I probably don't know what I'm doing, this is as good as I'm
> > going to get it". My third APRS project is about to fold in
> > disaster, and for the amount of money invested, I could have
> > bought another D700! This truely isn't rocket science unless you
> > count the 9612 I almost threw into a ballistic arc, but we
> > collectively seem to be trying to make it be that way; I have had
> > only a couple of responses from posts for help.
> >
> > Todd Ellis, N2XL
> > Raleigh, NC
> >   ----- Original Message -----
> >   From: A fellow APRSer
> >   To: Todd Ellis
> >   Sent: Sunday, August 13, 2000 9:22 PM
> >   Subject: Re: [htaprs] what in the world am I doing wrong?
> >
> >
> >   At 07:29 PM 08/12/2000 -0400, you wrote:
> >
> >   Group:
> >
> >   I am still trying to set up a Kantronics 9612 Plus to operate
> > in APRS mode with just a GPS connected to it. The BLT packets
> > are not being decoded by my D700
> >
> >   The D700 doenst know how to decode a stand alone tracker. This
> > is a short comming of advice from a certain APRS author to the
> > fellow writing the code for D700. Grrr!
> >
> >
> >
> >   Name withheld to protect the innocent
> >   "Cain't we all just get a lawn?"
> >
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

144. [htaprs] Punishing a dead horse... AUTOMATIC POWER OFF - D700

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Wed, 16 Aug 2000 09:41:22 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-102998-2000.08.16-08.47.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I set my APO on, and the radio ran overnight without turning its
self off. "Control, we have a bug."

Evidently Ron and Rob are not the only ones to have trouble with
the D-700 "APO" not turning its self off in APRS mode.

Is there a software fix? Can the TM-D-700 programming be changed
through the serial port, as a boot-strap download function, or
does it need to have a prom changed to update its brains?

Is kenwood keeping a "stuff to adjust" list?

Ed N3SDO

-----Original Message-----
From: Robbie Robertson [mailto:mwrobertson@mediaone.net]
Sent: Tuesday, August 08, 2000 10:01 AM

"Ronald G. Parsons" wrote:
>
> The AUTOMATIC POWER OFF function does not seem to function properly when
> the D700 has one band in APRS mode and beaconing or digipeating.
>
> However, my unit does not shut off even though no buttons are pressed.
>
> Is this a bug? Is there a workaround?

APO only works if no buttons are pushed by you, OR NO
signals heard on either band for the alloted time
specified in APO... As soon as a signal breaks squelch,
the APO function is reset..

Good luck

Robbie

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

145. [htaprs] Re: MIC-E format [was: thd7G middle of atlantic]

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 16 Aug 2000 09:48:27 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, APRSsig@tapr.org
Message-ID: <LYR845-103000-2000.08.16-08.54.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 15 Aug 2000, Byon Garrabrant wrote about missplotted Mic-E's:

> What do others think of having a tracker add 4 degrees to a
> heading whose mod 100 is 0?...
>
> Or, should trackers just not use the MIC-E Data format due to this
> inherent problem? ....

If I could summarize this problem (hope I got it right). THere are 600
MicE's, thousands of Kenwoods and Pic-E's that all use the same format.
None of the APRS programs have problems decoding it. But there are 2
problems:

1) Improper set up TNC's for 8 bit.. The INITxxxx.TNC files included
   in APRSdos at least will always set up the TNC correctly. If someone's
   APRS software version is not properly setting up the TNC, then please
   contact that author and let him know....

2) RF packets gated to the INTERNET by APRS software that does not set up
   an 8 bit link. Same again. Contact your software author and ask him
   to fix it.

I think that represents the whole picture?

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

146. [htaprs] Re: Punishing a dead horse... AUTOMATIC POWER OFF - D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 16 Aug 2000 09:52:06 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-103002-2000.08.16-08.58.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think it is intentional that in APRS mode you dont want APO to shut off
your APRS tracker. Yet, if you only operate voice only and turn off
144.39 to save battery, then the APO will take over and work.

On Wed, 16 Aug 2000, Bathgate, Ed wrote:

> I set my APO on, and the radio ran overnight without turning its
> self off. "Control, we have a bug."
>
> Evidently Ron and Rob are not the only ones to have trouble with
> the D-700 "APO" not turning its self off in APRS mode.
>
> Is there a software fix? Can the TM-D-700 programming be changed
> through the serial port, as a boot-strap download function, or
> does it need to have a prom changed to update its brains?
>
> Is kenwood keeping a "stuff to adjust" list?
>
> Ed N3SDO
>
> -----Original Message-----
> From: Robbie Robertson [mailto:mwrobertson@mediaone.net]
> Sent: Tuesday, August 08, 2000 10:01 AM
>
> "Ronald G. Parsons" wrote:
> >
> > The AUTOMATIC POWER OFF function does not seem to function properly when
> > the D700 has one band in APRS mode and beaconing or digipeating.
> >
> > However, my unit does not shut off even though no buttons are pressed.
> >
> > Is this a bug? Is there a workaround?
>
> APO only works if no buttons are pushed by you, OR NO
> signals heard on either band for the alloted time
> specified in APO... As soon as a signal breaks squelch,
> the APO function is reset..
>
> Good luck
>
> Robbie
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

147. [htaprs] Re: Doggy APRS Info

From: Charles Allison <sallison@megsinet.net>
Date: Wed, 16 Aug 2000 10:31:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103044-2000.08.16-10.35.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Wayne H. Sanderson" <whsander@erols.com>
Date: Tuesday, August 15, 2000 6:38 pm
Subject: [htaprs] Re: Doggy APRS Info

> >As you all know I have been asking about the alternate >frequency
> for APRS. As it comes up I have decided to go with >the regular
> frequency for the APRS to be able to track my >dog with pack on
> tromping through the forest.
>
> After resetting my D7 last month, but before reentering the memory
> channels, I noticed one day that the APRS traffic was sparse.
> There only seemed to be a couple of stations out there. I suddenly
> realized that the frequency was 144.395, but APRS packets were
> coming in.
> No, I don't remember the call signs, nor did I write tnem down. It
> was either some transmitter freq drift from a digi, or it was a
> small group that hopped up .005 mhz for some private comms.... You
> know who you are!
>

I'm sure it's normal 144.39 traffic. But since you are 5 kHz off freq,
you are only hearing the strong stations. I'm sure all the APRS
stations you were hearing were really on freq. 5 kHz off freq would not
give you any privacy.

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

148. [htaprs] Re: MIC-E format [was: thd7G middle of atlantic]

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Wed, 16 Aug 2000 08:45:15 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, APRSsig@tapr.org
Message-ID: <LYR845-103048-2000.08.16-10.51.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 15 Aug 2000, Byon Garrabrant wrote:

> What do others think of having a tracker add 4 degrees to a
> heading whose mod 100 is 0? So, if the GPS reports a heading of
> 100, the tracker would encode that as 104, 0 would become 4.
> This would be introducing error to the data, but resolving these
> dropped character problems.
>
> Or, should trackers just not use the MIC-E Data format due to this
> inherent problem? Would compressed data format be better,
> assuming the trackers could handle it?

I saw Bob's response, and he is absolutely correct that the client
and igate software should be corrected.

That said: I would be much happier in the interim with a TinyTrak
that would attempt to avoid the non-printable characters. I'm getting
a bit tired of driving in the atlantic ocean. The pacific would have
been much better (closer to home anyway, good joke Bill).

I looked at the compressed format for my HC11 tracker (YYYYXXXX
format), and it was a bit difficult to do on a lower-end processor.
The MIC-E protocol was much easier to implement and appeared to be
designed for low-end processors to do. If Byon can figure out how
to do compressed protocol with a PIC, more power to you. When I
last looked at it, it appeared that I needed floating point.

In my experiments I was getting more packets into the system each
time I managed to shorten my packets, so I went from '!' format to
MIC-E format, attempting and failing at compressed packets along the
way. It seems though that up to a third of my MIC-E packets have the
dropped-character problem, putting me in the Atlantic. Combine this
with most of the digi's expanding my packets back to normal size and
most of the advantages of MIC-E format dissapear.

I just want it fixed. Long-term the igates and client software need

to be fixed. It'd be nice if MIC-E format was left alone on RF (not
expanded) and even passed through the internet unchanged. Short-term
I'd like to see a TinyTrak that would do it's best to avoid the
non-printables. It's easy to re-program the chip later once the
rest of the system has been repaired.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

149. [htaprs] PIC project? Was AUTOMATIC POWER OFF - D700

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Wed, 16 Aug 2000 11:26:50 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR PIC Development Special Interest Group" <picsig@lists.tapr.org>
Message-ID: <LYR845-103066-2000.08.16-12.38.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If someone adept at Pic programming wants to. it is possible to have a PIC
with an input for the ignition and once the ignition is turned off, it sends
a message to the D700 over the serial port to select a different PM memory.
This PM could have a greater interval between transmissions. Also, when the
ignition was on, it could then select another one for the "normal" mode.

One other idea is to start a timer after the car is off and after some
interval, turn the radio off completely.

Tom NY4I
----- Original Message -----
From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, August 16, 2000 7:41 AM
Subject: [htaprs] Punishing a dead horse... AUTOMATIC POWER OFF - D700

>
> I set my APO on, and the radio ran overnight without turning its
> self off. "Control, we have a bug."
>
> Evidently Ron and Rob are not the only ones to have trouble with
> the D-700 "APO" not turning its self off in APRS mode.
>
> Is there a software fix? Can the TM-D-700 programming be changed
> through the serial port, as a boot-strap download function, or
> does it need to have a prom changed to update its brains?
>
> Is kenwood keeping a "stuff to adjust" list?
>
> Ed N3SDO
>
> -----Original Message-----
> From: Robbie Robertson [mailto:mwrobertson@mediaone.net]
> Sent: Tuesday, August 08, 2000 10:01 AM
>
> "Ronald G. Parsons" wrote:
> >
> > The AUTOMATIC POWER OFF function does not seem to function properly when
> > the D700 has one band in APRS mode and beaconing or digipeating.
> >
> > However, my unit does not shut off even though no buttons are pressed.
> >
> > Is this a bug? Is there a workaround?
>
> APO only works if no buttons are pushed by you, OR NO
> signals heard on either band for the alloted time
> specified in APO... As soon as a signal breaks squelch,
> the APO function is reset..
>
> Good luck
>
> Robbie
>

> ---
> You are currently subscribed to htaprs as: toms@inconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

150. [htaprs] Re: MIC-E format [was: thd7G middle of atlantic]

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 16 Aug 2000 19:38:32 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, APRSsig@tapr.org
Message-ID: <LYR845-103139-2000.08.16-18.44.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 16 Aug 2000, Curt Mills, WE7U wrote:

> I looked at the compressed format for my HC11 tracker (YYYYXXXX
> format), and it was a bit difficult to do on a lower-end processor...
> when I last looked at it, it appeared that I needed floating point.

I chose the conversion constants so that you can let the least significant
Byte be always numerically 0 and then you can do it with single precision
16 bit integers. The result will still encode and decode to the nearest 80
feet or so (instead of 1 foot). It will always look like this:
"YYY!XXX!" since "!" is a zero in the LSB's. This is how I do it in
APRSdos, since no one will ever use APRSdos to the nearest foot anyway...
and it allowed me to use simpler code.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

151. [htaprs] APRS and New England Ride for Kids

From: "stridr" <stridr@optonline.net>
Date: Wed, 16 Aug 2000 21:14:50 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103159-2000.08.16-20.22.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Sunday, 20 Aug I'll be leading several hundred motorcycle riders in a police escorted ride from North Oxford, MA to Amherst, MA. I'll have the D7 (with a Mirage BD35 amp and a Diamond 2m/440 ant) and GPS III+ on board the m/c, and hopefully will be able to get into some of the digis. I'd appreciate anyone who sees W1HO-7 letting me know.

We'll be leaving WalMart in North Oxford at 10:00 AM and the ride is about an hour and a half.

The purpose of the ride is to raise funds for the Pediatric Brain Tumor Foundation of the U.S. Last year we raised $61,000.00 on our ride, and we're looking to substantially increase that this year.

73,

Howard

Help eradicate Pediatric Brain Tumors
Support our ride 20 Aug 2000
http://go.to/nerfk

Howard Hecht W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

152. [htaprs] FRS radios $29/pair local

From: K3for@aol.com
Date: Wed, 16 Aug 2000 21:31:16 EDT

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-103162-2000.08.16-20.38.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Get kids involved in radio - buy them FRS's! Great for scouts, mall, beach,
boating, and hunting - the more you use them, the more you'll want. Keep a
pair in the truck for emergencies.

Sears has Coleman 14-channel FRS's on sale in Annapolis, perhaps your locale,
too, for $29/PAIR (no, don't think these have PL). I am NOT associated with
the store. Normally $79, $10 off, plus $40 rebate til the 17th.

I give pairs away as gifts as a wireless "intercom system" after modifying
one of them to take a wall wart for power. Have one in the kitchen, the
other is carried into the backyard/garage/hamshack.

Be careful about legalities. These are for voice-voice use only. Things I
have seen done, but are not allowed:
- packet demonstrations (note: FRS is 2.5kHz deviation)
- using an FRS pair to key the VOX of a remote ham rig
- telemetry
- SSTV (yup, it works)
- DTMF operation of devices

One bad thing is, it's hard to find an open channel at the mall, these days.

Skip/K3FOR
Annapolis

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

153. [htaprs] Re: Mounting TM-D700 Control Head

From: Jonathan Kaplan <jonk@jskent.com>
Date: Thu, 17 Aug 2000 07:38:56 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103244-2000.08.17-09.45.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm just back from vacation in Idaho and Canada so here's my delayed $US.02
($CDN .03):
I have my d700's mounted under the front passenger seats in my Nissan
Pathfinder and under the drivers seat in a Toyota Sienna van. In the van,
there is empty floor space between the console and the dash in the center.
The control head is mounted on the top of a goose neck attached to the
floor in the center of the Sienna. In the Pathfinder, The control head is
mounted to an empty space below the CD player. In both cases, I took the
guts from the power supply for the gps unit (mounted in corner of dash),
put it in a project box to fit behind the head, and added a reset switch.
The only caution I would repeat here is to find out from the dealer where
the car's computer is. That (and space considerations) will determine
under which seat you will want to put the D700

Good Luck

73

Jonathan KO6XS

At 05:53 AM 8/7/00 -0500, Billy Mason, KD5KNR wrote:
>Does anyone have any suggestions for mounting the control head of a D700
>in a '99 Ford Explorer? The radio itself, fits fine under the back
>seats... plenty of breathing room when even when they are folded down.
>
>Also, where might the best place for the power source be? It appears
>there is no easy place/way to get bridge through the firewall. I am
>currently utilizing the utility plug on the console, but with after
>reading the latest "Up In Smoke" stories... I really don't want to utilize
>it as a permanent power source.
>
>Billy Mason, KD5KNR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

154. [htaprs] RE: [aprssig] FRS radios $29/pair local

From: David Locke <locked@intplsrv.net>
Date: Thu, 17 Aug 2000 09:49:00 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "htaprs@lists.tapr.org" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103247-2000.08.17-09.54.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Works great with adults too!

-----Original Message-----
From: K3for@aol.com [SMTP:K3for@aol.com]
Sent: Wednesday, August 16, 2000 8:31 PM
To: TAPR APRS Special Interest Group
Cc: htaprs@lists.tapr.org
Subject: [aprssig] FRS radios $29/pair local

Get kids involved in radio - buy them FRS's! Great for scouts, mall, beach,
boating, and hunting - the more you use them, the more you'll want. Keep a
pair in the truck for emergencies.

Sears has Coleman 14-channel FRS's on sale in Annapolis, perhaps your locale,
too, for $29/PAIR (no, don't think these have PL). I am NOT associated with
the store. Normally $79, $10 off, plus $40 rebate til the 17th.

I give pairs away as gifts as a wireless "intercom system" after modifying
one of them to take a wall wart for power. Have one in the kitchen, the
other is carried into the backyard/garage/hamshack.

Be careful about legalities. These are for voice-voice use only. Things I
have seen done, but are not allowed:
- packet demonstrations (note: FRS is 2.5kHz deviation)
- using an FRS pair to key the VOX of a remote ham rig
- telemetry
- SSTV (yup, it works)
- DTMF operation of devices

One bad thing is, it's hard to find an open channel at the mall, these days.

Skip/K3FOR
Annapolis

You are currently subscribed to aprssig as: locked@intplsrv.net
To unsubscribe send a blank email to leave-aprssig-18534J@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

155. [htaprs] RE: [aprssig] FRS radios $29/pair local

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Thu, 17 Aug 2000 10:35:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103251-2000.08.17-10.41.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MEI-Micro Center (www.mei-microcenter.com) has Maxon FRS radios on sale for
$29.97. These radios have CTCSS, Channel Scan, 1/2 Watt Power, Call, etc. .

73 de Don KC4YRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

156. [htaprs] Re: Reflector traffic

From: "Steve & Ginny Grudzinski" <grudzinski@angelfire.com>
Date: Thu, 17 Aug 2000 10:43:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "htaprs@lists.tapr.org" <htaprs@lists.tapr.org>

Message-ID: <LYR845-103274-2000.08.17-12.50.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Am I alone here or is this reflector becoming a general chat line about any topic. I have seen questions and/or information shared that might not belong here. But who am I...

Angelfire for your free web-based e-mail. http://www.angelfire.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

157. [htaprs] aprs reflector traffic

From: "Steve & Ginny Grudzinski" <grudzinski@angelfire.com>
Date: Thu, 17 Aug 2000 10:49:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103302-2000.08.17-12.56.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Am I alone here or is this reflector becoming a general chat line about any topic. I have seen questions and/or information shared that might not belong here. But who am I...

The HTAPRS SIG has a few simple rules:

1) Stick to the subject. That means no virus alerts, no chocolate chip cookie recipes, no surplus gear fire sales, no nothing that isn't directly related to new APRS hardware.

Steve
ad6ht

Angelfire for your free web-based e-mail. http://www.angelfire.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

158. [htaprs] Kenwood TH-D7A(G)

From: Tim Grooms <kd5lez@gocomputers.net>
Date: Thu, 17 Aug 2000 14:03:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103312-2000.08.17-14.07.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anxiously awaiting UPS delivery of my new Kenwood D7A(G) radio today. I have seen people talking of problems with the included antenna. Does anyone know if I'll
be able to make the trip to my nearest repeater 25 miles away with the stock antenna?

Thanks for any info.
Tim
KD5LEZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

159. [htaprs] Re: Kenwood TH-D7A(G)

From: David VanHorn <dvanhorn@cedar.net>
Date: Thu, 17 Aug 2000 14:07:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103314-2000.08.17-14.15.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>be able to make the trip to my nearest repeater 25 miles away with the
>stock antenna?

Depends mostly on the repeater, but I doubt it.
The D7A antenna, for it's size, is the worst performing antenna I have seen.

A comet sma whip tripled my range. (9x gain)
--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

160. [htaprs] PalmAPRS and Tripmate/TH-D7A

From: John W Wilson <z004391b@bc.seflin.org>
Date: Thu, 17 Aug 2000 15:26:43 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103315-2000.08.17-14.33.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not been able to get the Tripmate to provide location information
using Palm Pilot, PalmAPRS and the Kenwood TH-D7A. Has anybody else had
this trouble? Thanks,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

161. [htaprs] Re: PalmAPRS and Tripmate/TH-D7A

From: John W Wilson <z004391b@bc.seflin.org>
Date: Thu, 17 Aug 2000 15:32:49 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103317-2000.08.17-14.39.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I forgot. It works with my Garmin GPS 3P. Yes, I am in 'packet' mode
with the TH-D7A and yes I should be doing most everything correctly or
the Gramin wouldn't work. Just having trouble with the Tripmate. The
Tripmate and the Kenwood work well together in normal tracker mode
without PalmAPRS.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Thu, 17 Aug 2000, John W Wilson wrote:

> I have not been able to get the Tripmate to provide location information
> using Palm Pilot, PalmAPRS and the Kenwood TH-D7A. Has anybody else had
> this trouble? Thanks,
>
>
> John W. Wilson, KN4HX
> z004391b@bcfreenet.seflin.lib.fl.us
>
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

162. [htaprs] Re: PalmAPRS and Tripmate/TH-D7A

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Thu, 17 Aug 2000 12:34:50 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-103319-2000.08.17-14.41.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 17 Aug 2000, John W Wilson wrote:

> I have not been able to get the Tripmate to provide location information
> using Palm Pilot, PalmAPRS and the Kenwood TH-D7A. Has anybody else had
> this trouble? Thanks,

You do know that with the Tripmate, unless you make a modification to
it, needs to see the string "ASTRAL" sent to it to start sending out
GPS data, right? It needs this every time it is powered up. The
DeLorme software sends this string to it to get it going. I assume
some of the APRS client software does this as well.

One quick fix is to short pins 2/3 together for a few seconds when
you start it up (make sure you're not going to damage anything else
by doing this). The Tripmate sends the string "ASTRAL" out as
part of another string, and you can make it talk to itself to
initialize.

After that, it functions as a normal NMEA GPS receiver.

If you wanted to do it more properly, I suppose an adapter could
be made that wrapped the one pin back to the GPS, and didn't connect
the computer or TNC through to the gps input pin at all. Should work
well and always initialize.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

163. [htaprs] Re: Kenwood TH-D7A(G)

From: RASNM@aol.com
Date: Thu, 17 Aug 2000 17:50:34 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-103329-2000.08.17-16.57.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/17/00 1:02:39 PM Mountain Daylight Time,
kd5lez@gocomputers.net writes:

<< Does
 anyone know if I'll
 be able to make the trip to my nearest repeater 25 miles away with the
 stock antenna? >>

Hey Tim,

I get to a reperater about 20 miles away. You can boost your power with 12V.
You can also consider a jpole antenna which is cheap and easy to make. I can
send you a link for this if you want?

Let us know your results. 73-Ron - KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

164. [htaprs] Re: Kenwood TH-D7A(G)

From: RASNM@aol.com
Date: Thu, 17 Aug 2000 17:53:17 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103330-2000.08.17-17.00.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/17/00 1:10:22 PM Mountain Daylight Time,
dvanhorn@cedar.net writes:

<< A comet sma whip tripled my range. (9x gain)
 -- >>

David, is it dual band and what is the model number?

Thanks   Ron

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

165. [htaprs] Re: Kenwood TH-D7A(G)

From: David VanHorn <dvanhorn@cedar.net>
Date: Thu, 17 Aug 2000 17:16:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103333-2000.08.17-17.35.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:53 PM 8/17/00 -0400, RASNM@aol.com wrote:
>In a message dated 8/17/00 1:10:22 PM Mountain Daylight Time,
>dvanhorn@cedar.net writes:
>
><< A comet sma whip tripled my range. (9x gain)
> -- >>
>
>David, is it dual band and what is the model number?

Yes, but offhand I don't know the model. About 20 inches long, flexy whip.

--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

166. [htaprs] Re: Kenwood TH-D7A(G)

From: "John B. Sullivan " <jbs@quickturn.com>
Date: Thu, 17 Aug 2000 16:43:31 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103339-2000.08.17-18.50.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sounds like the SMA-24. Seventeen inches long. I wouldn't say that it
has tripled my range, even on 2m, but it did allow me to work Mir.

I am able to get into a 440 repeater that is 40 miles away, not quite
line-of-sight, with the stock antenna. Sometimes using only 500mW.
But I'm full quieting with a 39 inch whip.

John WD6BTP

> At 05:53 PM 8/17/00 -0400, RASNM@aol.com wrote:
> >In a message dated 8/17/00 1:10:22 PM Mountain Daylight Time,
> >dvanhorn@cedar.net writes:
> >
> ><< A comet sma whip tripled my range. (9x gain)
> > -- >>
> >
> >David, is it dual band and what is the model number?
>
>
> Yes, but offhand I don't know the model. About 20 inches long, flexy whip.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

167. [htaprs] Re: PalmAPRS and Tripmate/TH-D7A

From: John W Wilson <z004391b@bc.seflin.org>
Date: Fri, 18 Aug 2000 09:54:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
      TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-103428-2000.08.18-09.02.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, Curt, but I am able to run the Tripmate with the Kenwood as a
tracker, which means that the Tripmate has that modification. 73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Thu, 17 Aug 2000, Curt Mills, WE7U wrote:

> On Thu, 17 Aug 2000, John W Wilson wrote:
>
> > I have not been able to get the Tripmate to provide location information
> > using Palm Pilot, PalmAPRS and the Kenwood TH-D7A. Has anybody else had
> > this trouble? Thanks,
>
> You do know that with the Tripmate, unless you make a modification to
> it, needs to see the string "ASTRAL" sent to it to start sending out
> GPS data, right? It needs this every time it is powered up. The
> DeLorme software sends this string to it to get it going. I assume
> some of the APRS client software does this as well.
>
> One quick fix is to short pins 2/3 together for a few seconds when
> you start it up (make sure you're not going to damage anything else
> by doing this). The Tripmate sends the string "ASTRAL" out as
> part of another string, and you can make it talk to itself to
> initialize.
>
> After that, it functions as a normal NMEA GPS receiver.
>
> If you wanted to do it more properly, I suppose an adapter could
> be made that wrapped the one pin back to the GPS, and didn't connect
> the computer or TNC through to the gps input pin at all. Should work
> well and always initialize.
>
> Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
> Senior Methods Engineer/SysAdmin
> "Lotto: A tax on people who are bad at math." -- unknown
> "Windows: Microsoft's tax on computer illiterates." -- WE7U
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

168. [htaprs] Kenwood TH-D7A(G) update

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Fri, 18 Aug 2000 02:22:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103403-2000.08.18-02.29.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I finally got my TH-D7 back from Kenwood West. One month to the day after
I sent it off for the upgrade.   :(

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

169. [htaprs] Re: PalmAPRS and Tripmate/TH-D7A

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 18 Aug 2000 15:14:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103471-2000.08.18-15.17.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Thanks, Curt, but I am able to run the Tripmate with the Kenwood as a
>tracker, which means that the Tripmate has that modification. 73,

The original D7a would not work with a tripmate as the lon/lat
had extra decimal place in lon/lat. All units after 011-xxxxx
worked.

the tripmate needs a control line set hi to start as well as
seeing ASTRAL on the RS-232 input line.

Some RS-232 ports might loop back the data and you need not make a
special jumper.

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

170. [htaprs] TH-D7 antenna

From: "Dave Flack" <davef@netdotdesign.com>
Date: Fri, 18 Aug 2000 13:33:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103481-2000.08.18-15.40.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use the Comet SH-55 with a BNC/SMA adaptor. It's rubber and
about 15 inches. Works great on 2M/440.

Dave
W6DLF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

171. [htaprs] Virus Warnings/This is a Joke !

From: "bdevine" <bdevine@charter.net>
Date: Sat, 19 Aug 2000 09:13:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103589-2000.08.19-09.20.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

High School Freshman 1st day at school is talking to his techno wiz friends and ask
them what did you do this summer we wrote virus softeware they replied and it has taken out the pentagon
 all major sourced of computers in the free world.

    So he ponders as they ask him what did you do oh i didnt cause that much hate and
discontent but the virus i sent out cause more damage than any other in the world antivirus software
will not detect it and it is traceable to the author, and it spreads like a case of the plauge. his
friends were in awe of his mighty talents and ask him for the code

So he sends them his code as a email

and it reads like this

subject this is a virus warning please forward to every one in your adress book

In the content section he posted the only way that you can get rid of me is put your system disk in your
 computers and type format c:\ when this is complete tpye fdisk
and delete every thing then you will be safe form me.

Well his freinds got the email thinking they were infected did as the instructions on the post stated .And it wasnt long before all the computers in town were down for the count why because people are like cow moo. The did what the email said and trashed there on machines.

Some thing to think about so please dont post any virus warnings here

172. [htaprs] Re: thd7G middle of atlantic

From: kk5yy@arrl.net (Gerald Schmitt)
Date: Sat, 19 Aug 2000 15:30:59 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103603-2000.08.19-10.37.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been having this problem since shortly after Dayton where my
THD-7A was upgraded. My observations are:

The radio gets the lat/long from the GPS and operates properly for
some time, from minutes to hours then it stops having updating your
position then it goes to lat/long 00.00/00.00. I have tried several
varaints of APRS+ but it doesn't change things.

If you change the THD-7A(G) back into beacon or internal APRS
mode it works just fine the position updates and is broadcast
properly. You can check this by pushing the position button
and displaying where your THD-7 thinks it is. This seems
to be a problem with the G model only I never experienced this
before the mod. It occurs to me that there are internal collisions
between the two I/O ports that are not being elegantly resolved
internal to the THD-7 and are being treated as loss of contact
with the GPS. It looks like it is going to take a firmware fix to
address this.

If anyone has a bright idea please post it. If developers need
any testing I would be glad to try and help.

73 Jerry KK5YY

On Mon, 14 Aug 2000 18:59:57 -0700, you wrote:

>i see a lot of hams in the middle of the atlantic ocean, if you are on a
>thd7-G do you see yourself on winaprs or findu.com?
>
>
>find me on a map+ACE-   go to   http://map.findu.com/kd8s-7   works only
>if i am sending my position out   and in satellite range
>
>
>---
>You are currently subscribed to htaprs as: kk5yy@arrl.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

173. [htaprs] THD-7G amd winaprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 20 Aug 2000 14:52:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103818-2000.08.20-16.56.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

well.....my upgraded thd7-g is now working fine.

its kd8s-14

i run the thd7g with a magellan meridian xl in the nema b mode.

i talked to kenwood when i tried everything to get it to send out posit
correct, then saturday i gave it one last try, and out of the blue its
working the way its suppose to work. i have no idea what i did

different......i did say "oh lord i hope i don't have to send my radio back
to kenwood"

as if some sort of magic it was healed.

i have been playing with my thd7 g and the kewood tmd700a all weekend and
its working good.

its nice to back in the deserts of las vegas instead of the middle of the
atlantic ocean.

whatever went on with the rig i am happy.

next time your radios crap out try a prayer.........i am sure it works

73

kd8s las vegas
find me on a map!   go to   http://map.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

174. [htaprs] nickle metal pb-39 maha

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 20 Aug 2000 14:59:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103819-2000.08.20-17.03.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i got the nickle metal maha pb-39 for the kenwood thd7g

i have the bc-19 charger....

when i put the nickle metal into the charger its always flashing red on the
charger....

i have charged the battery on the wall wart.

anyone had any luck on chargeing the nickle metal pb-39 on the kenwood
bc-19 drop in charger?

did you end up buying the maha charger?

73
find me on a map!   go to   http://map.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

175. [htaprs] Re: nickle metal pb-39 maha

From: David VanHorn <dvanhorn@cedar.net>
Date: Sun, 20 Aug 2000 16:59:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103820-2000.08.20-17.07.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>anyone had any luck on chargeing the nickle metal pb-39 on the kenwood
>bc-19 drop in charger?

My Ed Yost NIMH charges just fine in the BC-19. It's over a year old.

--
Where's dave? http://www.findu.com/cgi-bin/find.cgi?kc6ete-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

176. [htaprs] Fw: nickle metal pb-39 maha

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 20 Aug 2000 15:20:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103825-2000.08.20-17.25.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey..someone forward this to the californig aprs sig for me

-----Original Message-----
From: STEVE SCOTT LAS VEGAS <kd8s@SKYLINK.NET>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Date: Sunday, August 20, 2000 3:01 PM
Subject: [htaprs] nickle metal pb-39 maha

>i got the nickle metal maha pb-39 for the kenwood thd7g
>
>i have the bc-19 charger....
>
>when i put the nickle metal into the charger its always flashing red on
the
>charger....
>
>i have charged the battery on the wall wart.
>
>
>anyone had any luck on chargeing the nickle metal pb-39 on the kenwood
>bc-19 drop in charger?
>
>
>did you end up buying the maha charger?
>
>73
>find me on a map!   go to   http://map.findu.com/kd8s-7   works only
>if i am sending my position out   and in satellite range
>
>
>---
>You are currently subscribed to htaprs as: KD8S@SKYLINK.NET
>To unsubscribe send a blank email to leave-htaprs-3734W@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

177. [htaprs] goodnews thd-700a

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 20 Aug 2000 15:37:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103831-2000.08.20-17.43.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been very happy so far with the tmd700.

there is more than enough bells and whistles to keep any ham busy for a long
time.

its always nice to be happy with a new radio where there are so many
choices out in radio land.

Kenwood support via the service department has always been good for me over
the the years that I have been a ham.

they have never let me down .

I always wonder how many phone calls Kenwood must get on any given Monday
about radio /operator problems.

most of the high end radios are not plug and play and you must read and
understand the operating manual and do some testing.

ham radio has been and will always be a technical hobby where you must put
time and effort into learning and understanding.

its sure a great way to eat up time!!

find me on a map!   go to   http://map.findu.com/kd8s-7   works only
if I am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

178. [htaprs] tracking

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 20 Aug 2000 16:19:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103841-2000.08.20-18.24.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

uh oh......i am still waiting for the first sig message where a ham says his
house/car was broken into because the techno cook knew where he/she was
due to the open aprs net.

i am always home, i never leave, i got 15 dogs, alarm system, posted guards,
wife, 20 kids, security system cameras, around the clock security to guard
my $100.00 ham radio, my favorite toy.

and i have a mean junkyard dog in my gated community

only kidding !

i aint't got nothin

duh

find me on a map!   go to   http://map.findu.com/kd8s-7   works only
if i am sending my position out   and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

179. [htaprs] WinTelnetX

From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
Date: Mon, 21 Aug 2000 10:52:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-103965-2000.08.21-09.59.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Interesting ... this was forwarded to me today ... there has gotta be a
use for this by us somewhere .... ooohhhhhh Boooooobbbbbbbb?????

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<n1bq@amsat.org>

------- Forwarded Message

Date: Sat, 19 Aug 2000 22:53:45 +0100
From: David Robbins <k1ttt@berkshire.net>
To: yccc <yccc@yccc.org>
Subject: [YCCC] coming soon! and still FREE!

Coming soon to a computer near you... WinTelnetX 4.0!

This will include the most asked for feature of the last year! Yes, I
finally
got around to it! With this version you will be able to take a tnc,
radio, and
computer with internet connection, and make a local rf gateway to the
internet
spotting network. No expensive and hard to configure node software. No
databases to maintain. No user's to help out. no extra drivers to load.
Just a
simple gateway from a serial tnc to the internet. Use it to cover
remote areas
without enough users for their own node. Use it on an alternate
frequency to
reduce congestion. Replace 3rd party kiss mode tnc drivers with a
program that
can be started and stopped independent of your node software.

The only drawback... i only have kpc3+ tnc's here to test it with. I
expect it
will work with any single port kantronics tnc that supports the streamsw
mechanism for tracking input streams. But i would like some help
testing
it and figuring out what settings may be needed on other tnc's. If you
have
some time and want to help out with some early testing i will mail you
the
link to download the software for testing. If you have a dual port
kantronics tnc i would like to know how it handles switching ports and
streams. If you have other brand tnc's, how do they handle presenting
multiple incoming connection streams to the computer??

- --
David Robbins K1TTT
e-mail: mailto://k1ttt@berkshire.net
web: http://www.berkshire.net/~robbins/k1ttt.html or
http://www.k1ttt.net
AR-Cluster node: 145.69MHz or telnet://k1ttt.net

- --
YCCC on WWW: http://www.yccc.org
Submissions: yccc@yccc.org
Administrative requests: yccc-REQUEST@yccc.org
Problems: owner-yccc@yccc.org

------- End of Forwarded Message

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

180. [htaprs] Re: thd7G middle of atlantic

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 21 Aug 2000 10:06:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-103977-2000.08.21-10.22.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The radio gets the lat/long from the GPS and operates properly for=20
>some time, from minutes to hours then it stops having updating your
>position then it goes to lat/long 00.00/00.00. I have tried several
>varaints of APRS+ but it doesn't change things.=20

To reiterate some experiences I posted before...

The GPS setting must be set to "NMEA" at power up, or you must power cycle it after you change from "not used" to "NMEA". Otherwise, the POS button shows 00 00.00/00 00.00 with flashing dots, and will beacon this location. When I take the HT into the house, and hook it up to my base antenna, I change from NMEA to Not Used and beacon the last position I locked into position-1 before removing the radio from the vehicle. So, when I put it back into the car, I always power cycle it one more time after I have everything hooked to it, and I never have problems with the GPS data flowing (as long as the radio and GPS have a commom power supply, see next...).

I am using the Rand McNally GPS, and when I power the GPS from a different power supply than the radio, the Radio will not read GPS data. This indicates that the Radio, serial ground and the GPS serial ground are not common to the power ground. However, I have checked this. I moved the GPS to a case that I could power it from 12 V in the car, cut the wires off etc. I specifically wired it for a common ground.

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

181. [htaprs] RE: [aprssig] Re: Solar Powered Digis

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 21 Aug 2000 11:59:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "John Gorkos \(KB5HHR\)" <jgorkos@CellNet.com>,
"Jeff Brenton" <jeffb@espi.com>
Message-ID: <LYR845-103985-2000.08.21-11.06.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff, John and group,

I live off grid and have for 12 years now. Your analysis was right on the money and I agree with most of what you said EXCEPT the part about sizing the array to recharge in one solar day ... I would be more likely to agree (though not be quite so generous 100 watts absolute max) if it were to be located on a remote mountain top snowed in 6 months a year. Depending on the site for specifics, I would go for a little more battery and a little less PV array. This also makes life easier on the solar controller not spending long hours needlessly dumping power and generating wasted heat (and most of it in the months where you do not need itor want it!). Also less boiling off of the electrolyte.

My general recommendation would be something like

- a pair of Trojan T-105s (6VDC @220AH) $170.00 (for both)
  or a Surrette T12-250 (12VDC@250AH) $240.00

- Siemens SP-75 (5 amps peak) photovoltaic panel - $400
  or Solarex MX-77 (5 amps peak) PV panel $450 (???)
  [in a harsh environ i.e. wind, hail, etc Solarex is THE choice]

- Trace C-8 solar controller $60

Plus a housing for the battery to keep it from freezing if its gonna be in a cold weather climate in winter. (buried and insulated would be best)

73 de brian

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<n1bq@amsat.org>

> -----Original Message-----
> From: Jeff Brenton
> Sent: Monday, August 21, 2000 11:10 AM
> To: TAPR APRS Special Interest Group
> Subject: [aprssig] Re: Solar Powered Digis
>
>
> > Power budget, batteries, etc.
>
> I suggest you start with a trip to http://www.homepower.com for a look
> around. You should also visit http://www.aaasolar.com and order their
> "Solar Design Catalog", which has a LOT of design information in it.
>
> You've already picked one of the better combinations for the
> RF side, since
> the receive current on the HTX-202 is pretty good, and it is
> more efficient
> than most on output watts vs. input current.
>
> A general rule of thumb is to calculate the average current
> draw, and size
> the battery to be able to handle that draw for 5 days. The
> solar array is
> then sized to be able to charge the battery from dead in one
> AVERAGE solar
> day. This will cover 95% of the operational aspects of the system.
>
> You will, of course, want a good charge controller to protect
> the battery
> from over charging. And, you might provide for some way to
> dissipate excess
> power... maybe an amplifier that kicks in whenever the
> battery is above 80%
> charge, but is shed automatically to extend battery life in
> extended bad
> weather.
>
> I ran the math on that exact TNC/radio combination about a
> year ago, but
> don't have it handy right now. Peak current draw is 1.6 amps,
> and a busy
> network CAN push you intermittently to a 30% duty cycle. Idle
> current is
> the key, though, because that's ALWAYS there, even when the
> net is quiet.
>
> Assuming the idle current is .1 amp (it's in the back of the manual),
> that's (0.1a*12v*100%) + (1.6*12v*30%)=1.2w + 5.8w=7w AVERAGE
> for a BUSY
> network. Let's use that as the conservative number... 7 watts over 120
> hours (that 5 days I mentioned) is 840 watt/hours, so a 12v
> battery would
> need 70 amp/hour capacity. Make sure it REALLY is a
> deep-cycle battery, and
> not just a "trolling battery", unless you LIKE replacing them often.
>
> Solar panel should be able to generate most, if not all, of
> that 840 watts
> in one day. Assuming you average 5 days of sun year round
> (you might have
> more), you'd want at least a 100 watts of solar panel,
> preferably 150 to
> 170w. More sun per day, and fewer overcast days, means you
> can live with
> less panel. At the VERY least, I'd recommend 250 watts divided by your
> daily solar average in panels. If you average 7 hours/day,
> year-round, a 40
> watt panel is adequate.
>
> Jeff Brenton
> President,
> Engineered Software Products, Inc
> http://espi.com
> Questionable web page: http://dididahdahdidit.com
> Northern Illinois APRS Network: http://nian.aprs.net
>
> My goal in life: To be remembered as someone who always
> stated what should have been obvious to everyone in the

> first place.
>
>
> ---
> You are currently subscribed to aprssig as: brianbr@macconnect.com
> To unsubscribe send a blank email to
> leave-aprssig-7389D@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
> wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

182. [htaprs] Findu status

From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 21 Aug 2000 11:22:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103991-2000.08.21-11.31.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Findu has the wrong status for my tracker. I'm trying to replace the
bad status and not having any luck. I programmed a status into my D7
and let it beacon for a while. But the status is not being replaced be
what the D7 is sending. Is the status that the D7 sends out not really
a status? How do I get the D7 to send a status to replace the bogus
status on Findu?

Here's what the D7 is sending:

K9SA-9>APK001,K9MOT*,WIDE,WIDE:@211656z4211.31N/08804.85Wj000/000/Mic-E/M1/Enroute>Mon
443.575
K9SA-9>APD214,K9MOT*,WIDE,WIDE:=4211.33N/08804.85Wj000/000/Mic-E/M1/Enroute...
>Mon 443.575
K9SA-9>APK001,K9MOT,KB9RLQ,K9HGX*:@211658z4211.31N/08804.85Wj000/000/Mic-E/M1/Enroute>Mon
443.575
K9SA-9>APK,APS:@211558z4211.33N/08804.85Wj000/000/TH-D7/M1/ENROUTE>Mon
443.575

By the way, there must be a band opening this morning. I see my digi
thru K9MOT is being heard
by KB9RLQ in Urbana, Il and K9HGX in northwest China.

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

183. [htaprs] Privacy Issues

From: Peter Anderson <panderson@CenterPartners.com>
Date: Mon, 21 Aug 2000 10:33:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-103996-2000.08.21-11.41.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the issue of privacy: Is it possible to send a message to one person
only?   I was reading the mail and had a thought come to mind. We have had
instances in the past for the shelters for American Red Cross that have had
to have the message sent via phone so as not to broadcast the message and
embarrass the person for any reason. This would include the calling for
supplies that might be of a special nature for medical needs or the like.
Can anyone enlighten me?

Peter Anderson (Tech)
Work Phone: (970) 206-8415 Ext:6401
Home Phone: (970) 988-6045
Pager: (970) 278-2631

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

184. [htaprs] Re: THD-7G amd winaprs

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 21 Aug 2000 10:53:23 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-104052-2000.08.21-15.26.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 20 Aug 2000, STEVE SCOTT LAS VEGAS wrote:

> its nice to back in the deserts of las vegas instead of the middle of the
> atlantic ocean.

Something else changed in the network somewhere:

I was getting correct latitude but quite a few incorrect longitude
positions into findu.com through last thursday. I changed my mobile
tracker to relay,trace5-5 mid-day friday to find out who was
modifying the packet (putting me into the Atlantic Ocean). Since I
went to trace mode though I haven't seen a single errant packet at
findu.com (not from my station anyway). Murphy's law I guess.

Someone may have just turned off a digipeater, home station, or igate
for the weekend, so the problem may reappear.

I'm running a TinyTrak, which runs MIC-E format like the MIC-E,
PIC-E, Kenwood D7A/D700A and others.

I'll run trace mode all this week to see if the problem comes back,
but it doesn't appear to be Kenwood-specific. If you're appearing at
0.00/0.00 though that could be a Kenwood-specific problem. In my
case someone was converting -121/-122 longitude to -021/-022, but the
latitude was still correct.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

185. [htaprs] TH-D7/G Guidance

From: Bob Gormley <BGormley@INTELECTINC.COM>
Date: Tue, 22 Aug 2000 10:00:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104222-2000.08.22-10.07.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning HTAPRS list members,

        I'm requesting information about the new capabilities of the Kenwood
TH-D7/G.
        A little background first, I'm working on a balloon project in the
Dallas area to
        track the flight of a super pressure, manned, helium balloon. The
pilot and
        crew are all licensed amatuers. The next flight, distance and
duration, will
        take place in the next three to six weeks. Currently, we are using
three D7/G
        radios, one in the balloon and two in the chase vehicles. The
unresolved issues
        are,

        (1) The D7/G and Garmin III GPS in the balloon will transmit data to
the chase
        vehicles. How does altitude get reported? Will it show on Street
Atlas with the
        balloon position?

        (2) The two chase vehicles will have notebook pc's running APRS+SA
and Garmin
        GPS units. To track the balloon, the D7/G tnc will be placed in
"packet" mode to

communicate with with the pc. Can the D7/G be configured to transmit APRS while
in packet mode? This will allow the chase vehicles to track each other, plus the balloon.

All comments will be greatly appreciated.

Bob Gormley WA5YWC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

186. [htaprs] RE: TH-D7/G Guidance

From: "Joe B. Dorn" <joedorn@stonemedia.com>
Date: Tue, 22 Aug 2000 11:03:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104246-2000.08.22-11.35.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS +SA has a box to check that allows the ALTITUDE to be displayed. I believe all of the recent Garmin units furnish this information. Just for fun, I have been following a couple of 18 wheelers as they criss-cross the country and I have seen the speed decrease as the altitude increased. You can also get altitude displays from the many digis on the mountain tops of New Mexico...

There were (is?) national defense restrictions that prohibited export of units that displayed higher altitudes, I believe 65.000 feet. Most manufacturers caused the GPS unit to stop functioning above that altitude.

Joe Dorn, W5VEX, Belton, Texas

-----Original Message-----
From: bounce-htaprs-15400@lists.tapr.org
[mailto:bounce-htaprs-15400@lists.tapr.org]On Behalf Of Bob Gormley
Sent: Tuesday, August 22, 2000 10:01 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] TH-D7/G Guidance

Good morning HTAPRS list members,

I'm requesting information about the new capabilities of the Kenwood TH-D7/G.
A little background first, I'm working on a balloon project in the Dallas area to
track the flight of a super pressure, manned, helium balloon. The pilot and
crew are all licensed amatuers. The next flight, distance and duration, will
take place in the next three to six weeks. Currently, we are using three D7/G
radios, one in the balloon and two in the chase vehicles. The unresolved issues
are,

(1) The D7/G and Garmin III GPS in the balloon will transmit data to the chase
vehicles. How does altitude get reported? Will it show on Street Atlas with the
balloon position?

(2) The two chase vehicles will have notebook pc's running APRS+SA and Garmin
GPS units. To track the balloon, the D7/G tnc will be placed in "packet" mode to
communicate with with the pc. Can the D7/G be configured to transmit APRS while
in packet mode? This will allow the chase vehicles to track each other, plus the balloon.

All comments will be greatly appreciated.

Bob Gormley WA5YWC

You are currently subscribed to htaprs as: joedorn@stonemedia.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

187. [htaprs] Keyboard for D7 and D700

From: "K.Hirschelmann" <k.hirschelmann@mainz.netsurf.de>
Date: Tue, 22 Aug 2000 21:40:03 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104286-2000.08.22-14.53.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In this SIG there sometimes was some discussion on remote keyboard ideas
for the D700/D7.

Maybe it is worth to follow this idea :
Sharp is selling $99-organizers named Wizard OZ-750. These small
organizers are equipped with full QWERTY-Keyboard and 40 Character
x8-Line-Display. A cable for serial PC-Communication (9K6,8N2) already
is included.

The Wizard not only can work with it's internally stored
Standard-Programs. It also is possible to run ready available or even
homemade programs written in Basic.
Among those available software there already is an
ANSI/VT100-Terminal-Emulation. This should be usable to control our
Kenwood-Radios and can be downloaded for free.

Until today this only is an idea, but after i have received my
organizer, i will start testing and report later.

Sharp-Wizard-Homepage : http://www.MyWizard.com

73 de Klaus DJ7OO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

188. [htaprs] RE: TH-D7/G Guidance

From: Robert Winingham <kc5ejk@earthlink.net>
Date: Tue, 22 Aug 2000 15:11:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104299-2000.08.22-15.19.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>There were (is?) national defense restrictions that prohibited export of
>units that displayed higher altitudes, I believe 65.000 feet. Most

The rule was 60,000 ft AND over Mock 1

So if the GPS programmers had a Fortran and not a Cobol background :-)
you are OK if you stay under Mock 1.

Best to check and you could get a small number of units without the altitude limit as a special order.

The balloon group is starting a new table of which units will work
over 60,000 Ft.

Tom Clark has posted much info on this to the Tapr APRSSIG and tacgps lists
(they both are searchable at www.tapr.org)   good key word is 60,000 or 60000

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

189. [htaprs] Garmin eTrek Summit and TH-D7G?

From: "Dave Flack" <davef@netdotdesign.com>
Date: Tue, 22 Aug 2000 13:25:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104308-2000.08.22-15.35.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone have any first hand experience using the eTrex Summit from
Garmin? Does the barometric altimeter produce data output as
well as visual on the LCD? Thanks.

Dave
W6DLF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

190. [htaprs] tripmate

From: "bdevine" <bdevine@charter.net>
Date: Tue, 22 Aug 2000 20:27:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104368-2000.08.22-20.33.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone been able to make the tripmate work with there thd7g i just order one from there site and i was waiting for the conformation and when i went back to the order page it was gone so i guess i will wait a week to see if it shows up

191. [htaprs] Mobile Antenna recommendations for D7

From: "Stephen M. King" <frastephen@home.com>
Date: Tue, 22 Aug 2000 21:55:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104376-2000.08.22-21.02.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been using an old MFJ magmount for APRS with a D7.
It seems to take quite a robust signal to get a succesful packet decode.
Would anyone recommend an antenna that might be helpful that way, i.e., capturing a bit more signal.
What are some of you using????
Thanks in advance....
73 es Peace,
Stephen
KD3OG

192. [htaprs] RE: TH-D7/G Guidance

From: Skip Allison <sallison@megsinet.net>
Date: Tue, 22 Aug 2000 21:00:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104377-2000.08.22-21.08.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Joe B. Dorn" wrote:
>
> APRS +SA has a box to check that allows the ALTITUDE to be displayed. I
> believe all of the recent Garmin units furnish this information. Just for
> fun, I have been following a couple of 18 wheelers as they criss-cross the
> country and I have seen the speed decrease as the altitude increased. You
> can also get altitude displays from the many digis on the mountain tops of
> New Mexico...
>
> There were (is?) national defense restrictions that prohibited export of
> units that displayed higher altitudes, I believe 65.000 feet. Most
> manufacturers caused the GPS unit to stop functioning above that altitude.
>
> Joe Dorn, W5VEX, Belton, Texas
>

Actually, there is no restriction on height display on a GPS receiver.
The
only restriction is that it not display if the height is over xx feet

AND
the speed is over yy MPH. (I don't know the exact xx and yy numbers)
I assume this to prevent their use on attack aircraft or missles. All
GPS
receivers I know of will work in a balloon since the speed is much below
the yy MPH limit.

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

193. [htaprs] RE: Dedicated APRS LEO bird?

From: "Peter D. Bayne" <pbayne@mhtc.net>
Date: Tue, 22 Aug 2000 21:08:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <amsat-bb@AMSAT.Org>, <htaprs@lists.tapr.org>
Message-ID: <LYR845-104379-2000.08.22-21.16.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob, there is the possibility of overcoming the Doppler effect by means
of a dedicated satellite and using 23 cm. for the uplink and 13 cm down.
The orbital parameters could rapidly be calculated through a HT
microprocessor and the VFO adjusted correspondingly. The yagi antennas
could be combined in similar fashion to the Arrow and adjustment made in
polarity according to the sig strength. I recall that the beam width with
the yagi is fairly wide at 23 cm but I will have to recheck for both
bands. According to my experience, beam width does not appear critical on
land for contacts of ~ 20 km. but a LEO is a different animal. You have a
good point but perhaps one that can be overcome in practice.

The 13 cm. yagi (known as the 'long John') is even more portable than the
23 cm unit. I have tried to interest Allan Lowe in building a dual band
prototype since their construction is fairly involved--close tolerances
and machine shop capability--that the project should be done
professionally.

Next we need a dual band HT (hopefully SSB) with a TNC for high speed
packet, perhaps as high as 200K bps. The 23 cm part of it is in hand,
albeit FM, but the 13 cm half should be doable considering the progress
in microwave component technology.

At any rate, my thoughts on the future.

Peter de WK9K

>On Tue, 22 Aug 2000, Peter D. Bayne wrote:
>
>> Bob et al, actually not only are there 23 cm handhelds but the 16 element
>> yagi's can be easily handheld as well...
>
>Thanks, if the 16 ele yagi has 16 dBd gain then I calculate that 1W
>on 23cm and that antenna will be equivalent to about 4 watts and the 7
>element ARROW antenna on 70 cm. Assuming equivalent antennas on the bird.
>
>The noticible difference however will be the almost 50 KHz (10 steps)
>worth of doppler AND the beamwidth will be less than half as wide meaning
>much harder to point.
>
>Hummh...
>
>Bob
>
>

Peter D. Bayne
ARS WK9K
605 Maiden Street
Mineral Point, WI 53565
USA

Grid: EN42vu

AMSAT Member No.: 32904

e-mail: WK9K@AMSAT.org
Voice: (608) 987-4324
Fax: (503) 210-6618
Packet: WK9K@WD9ESU.wi.us.na

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

194. [htaprs] MCP-D7G Bug?

From: "Mike Edwards" <medwards@atlantic.net>
Date: Tue, 22 Aug 2000 22:31:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Kenwood Customer Care" <cuyeda@ix.netcom.com>
Message-ID: <LYR845-104383-2000.08.22-21.36.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

CC'ed to the address that Kenwood Customer Care used to post to the SIG.

Think I may have discovered a bug in the Memory Control Program tonite. I
finished making my homemade D7-to-PC cable tonight and fired up MCP. I had
used it before with my GPS cable and a nullmodem adapter so i'm familiar
with the program. I was looking through the menus of data it retrieved from
the radio after performing a Read and noticed:

MSG GROUP:
ALL,QST,CQ,KWD

However, I have "*," included in my msg groups on the radio. A bug that MCP
missed that? Perhaps.. But I thought it was worth mentioning.

p.s. running MCP-D7G Beta Version 0.10 here, latest version available to my
knowledge.

Later!
Mike KE4YGT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

195. [htaprs] FM Satellites communications

From: "Daniel \(internet\) Lavoie" <LavoieD@iSTAR.CA>
Date: Wed, 23 Aug 2000 09:07:28 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104472-2000.08.23-08.21.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yesterday I received my flashed TH-D7(G) in the mail. The fisrt thing I
tried was to setup a channel for UO-14 and one for AO-27 with a UHF uplink
and a VHF downlink. I couldn't do it! I was under the impression that the
(G) upgrade could do UHF and VHF splits on band B. How do you guys do it
for FM satellites voice and data?
Thanks
Daniel
VE3DCL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

196. [htaprs] Re: Mobile Antenna recommendations for D7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 23 Aug 2000 09:36:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-104478-2000.08.23-08.43.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 22 Aug 2000, Stephen M. King wrote:

> I have been using an old MFJ magmount for APRS with a D7.
> It seems to take quite a robust signal to get a succesful packet decode.

The problem is not the antenna, but the station that you are listening
too. It does not have its packet TONES adjusted properly or its TNC is
over driving the mic-amp. A D7 will decode properly adjusted packets down
to only a single LCD S-unit... and even with NO s-units showing.

Problem is, that most packet signals on the air were never adjusted
properly. Transmitting PACKET is not plug-n-play.

Connecting a TNC to a radio requires 1) Adjusting TX Audio levels below
clipping in the transmitter, and maybe the addition of an R/C circuit to
either enhance or roll off the high tone so that the result is balanced.

Look on a scope and you will see some terrible packet signals

Unfortunately the fix requires the *other* guy to fix his signal...
:-(

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

197. [htaprs] Re: tripmate

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Wed, 23 Aug 2000 11:00:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104515-2000.08.23-10.12.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, I have never heard of anyone not able to make it work. I have been
using mine with my D700 for 9 months with no trouble at all. You will have
to add the "autostart" mod, and if you wish to power it externally you will
have come up with 5-6 volts or add some sort of voltage regulator. You will
also have to deal with the mini gps plug to DB-9.

Here are some links on the variations of modifying the tripmate, including
cramming the regulator into a D-Sub connector which I like this the best. I
run mine continuously so I decided to mount the regulator inside and heat
sink it to the metal case inside.

http://www.netrax.net/~bbarnhart/aprs/tripmate.html
http://www.execpc.com/~n9uur/tripmate.html
http://www.qsl.net/kd4rdb/tripmate.htm

Good luck, I'm sure if you have questions about setting this up there are
lots of folks willing to help you out here.

Dennis, N2LBT

BTW you might want to consider turning off your HTML in your email program.
Some folks with text based email readers find this offensive. See the link
below for assistance with this if using Microsoft Outlook.

http://www.pocketaprs.com/outlook.html

> From: "bdevine" <bdevine@charter.net>
> Date: Tue, 22 Aug 2000 20:27:09 -0500
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Subject: [htaprs] tripmate
>
> Has anyone been able to make the tripmate work with there thd7g i just order
> one from there site and i was waiting for the conformation and when i went
> back to the order page it was gone so i guess i will wait a week to see if it
> shows up
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

198. [htaprs] APRS CE????

From: Peter ZR5DWC <zr5dwc@iafrica.com>
Date: Wed, 23 Aug 2000 18:35:23 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104548-2000.08.23-11.56.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is the new ver. of APRS CE out yet? I do miss it.

Cheers

Peter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

199. [htaprs] Re: APRS CE????

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 24 Aug 2000 05:24:33 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104733-2000.08.24-00.32.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Is the new ver. of APRS CE out yet? I do miss it.

Why won't the old versions still work? I know they are set to time out on certain dates, but how do they know the date? The system clock on the HPC? Why not set the clock back to a date when the timed out version you have worked and see what happens?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

200. [htaprs] Re: nickle metal pb-39 maha

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 24 Aug 2000 05:24:40 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104734-2000.08.24-00.33.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>i got the nickle metal maha pb-39 for the kenwood thd7g

>i have the bc-19 charger....

>when i put the nickle metal into the charger its always >flashing red on the charger....

The way I heard it, NiMH batteries damage drop in NiCad chargers if you leave them unmonitored... When I find it necessary to speed charge my PB-39 in my BC-19 I drop it in for only 10 minutes at a time, 10-20 off to allow the cell and charger to cool off, then repeat until the red light changes to green. At that point it is more or less a slow or trickle charge and is not taxing to the cell or the charger, if indeed there ever was any danger. The way I figure it, an ounce of prevention is better than a house full of smoke...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

201. [htaprs] APRS/CE Update (New Build)

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Thu, 24 Aug 2000 09:20:43 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104774-2000.08.24-08.28.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A new build of APRS/CE is available for download. Please check
http://www.tapr.org/~aprsce/ .

This is build 777, and it will expire on October 31, 2000.

A few "nuisance" or bug fixes have made it in this build, but not many. I
have devoted most of my APRS/CE energy to getting a native Pocket PC version
to work. (Hey, I have a new iPaq, and wanted a native version to play with
myself. ;-) Getting the code tweaked for Pocket PC (3.0), without breaking
2.0, 2.01, and 2.11 machines has been a challenge. The Pocket PC OS is nice
and stable, but sometimes you have to do a serious amount of mining in the
developer documentation to find what you are looking for.

The good thing about getting the Pocket PC conversion and build process
working correctly is that newer versions with more bug fixes and added
features will be able to be built in a relatively short amount of time. I
have eliminated the "unknown quantity" problems that are always present with
a new OS.

Please download this new version when you can, and let me know if I've
managed to break any of the existing platforms. (I wish I could own an
example of *every* platform, but my last name isn't Rockefeller. ;-)

Thanks for all of your positive feedback, continued interest and support.
It makes it all worthwhile!

73

   -Rob
    KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

202. [htaprs] Re: APRS/CE Update (New Build)

From: Carl Littlejohns <carl_mail@dr.com>
Date: Thu, 24 Aug 2000 19:47:52 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-104864-2000.08.24-13.50.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hooray!

wtg Rob

Carl gw0tqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

203. [htaprs] PocketPC and Amateur radio

From: Carl Littlejohns <carl_mail@dr.com>
Date: Thu, 24 Aug 2000 21:01:18 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-104873-2000.08.24-15.03.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Having had some time to play with my Cassiopeia E115 I can think of lots
of amateur radio uses - although APRS is a cool one. Thanks Rob.

Would there be any interest in a pocket pc ham radio group for
discussing pocket pcs, beta software etc away from the mainstream?

My Psion 3a/c has been very useful in lots of areas of the hobby - but
whereas the PocketPc is several orders of magnitude more powerful its
also a lot more difficult to write simple software utilities for it.

We need to share ideas I think?

Carl GW0TQM

If you fancy a go, Ive JUST created the following email list:-

http://www.egroups.com/subscribe/hampocket

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

204. [htaprs] thd7g

From: "bdevine" <bdevine@charter.net>
Date: Fri, 25 Aug 2000 17:46:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105129-2000.08.25-17.53.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i got my tripmate all running and self starting what do i need to do to get
it working with the ht

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

205. [htaprs] Re: thd7g

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 25 Aug 2000 22:42:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105171-2000.08.25-22.49.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>i got my tripmate all running and self starting what do i need to do to get
>it working with the ht

0. connect the GPS output to a comm programs and see if you are getting
   real NMEA data

1. Do the test outside so you know you have sat lock

2. might take 10 min plus to get a lock.

2.1 test with a voltmeter

3. Connect the ground o fthe tripmate to the ground of the d7a
   GPS port.

3.1 test with a voltmeter

4. Connectthe The NMEA data out for the Tripmate to the gps data in of the
   D7a (picture in the manual)

4.1 test with a voltmeter

6. read the d7a manual on the correct buttons to push to activate
   and select gps gps input.

Would help to know if you are doing a standalone setup or
using a computer. ie you have the D7a in APRS mode or PACKET mode.

See the www.Tap.orgr searchable sig mail archive if this help tag is taking
to long to get the answers you need.

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

206. [htaprs] on the road again.....,.,,.

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Sun, 27 Aug 2000 01:57:12 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: DEWEY BRYANT KD4EHC <kd4ehc@bellsouth.net>,
Jonathan Guy KE4AIK <ke4aik@bellsouth.net>,
Mad Max <n4nwd@bellsouth.net>, Mike Fawbush KF4JOZ <mfawbush@usit.net>,
Allison McAfee <amcafee@diabetes.org>,
"Phillip T. Verble KF4MCD" <kf4mcd@bellsouth.net>,
Rick Willis <rwillis@diabetes.org>,
CHRIS PALMGREN W4ORS <w4ors@bellsouth.net>,
DEWEY BRYANT KD4EHC <kd4ehc@bellsouth.net>,
Jim Myers KG4AQW <shooter2@Vol.com>,
Jonathan Guy KE4AIK <ke4aik@bellsouth.net>,
Mad Max <n4nwd@bellsouth.net>, Matthew Sadler KF4LHP <mws@kf4lhp.net>,
John Pless KG4POD - TV9 <dasbroom@bellsouth.net>,
TV 12 - WDEF Newsroom <news@wdef.com>,
TV 3 - WRCB Newsroom <news@wrcbtv.com>,
TV 61 - FOXNEWS <news@fox61tv.com>
Message-ID: <LYR845-105340-2000.08.27-00.57.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ms 150 bike ride
sat sept 9 - chattanooga to sweetwater
sun sept 10 - sweetwater to chattanooga

APRS experience & participation continues to grow.
it's not hamradio, it's funradio!!!!!!!!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

207. [htaprs] bicycle sunday

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 27 Aug 2000 10:22:07 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105403-2000.08.27-12.26.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

heading out on my bicycle and gps at 10 30 sunday las vegas if you want to
track me

kd8s-14

73
find me on a map! go to http://map.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

208. [htaprs] Move Over Kenwood: ICOM Has Acquired Micrologic (Developer Of LoJack)!!!

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 27 Aug 2000 21:34:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105486-2000.08.27-21.41.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI.

ICOM announced on Friday, August 25, that they have acquired Micrologic
(www.micrologic.com). These are the guys that developed the LoJack system!

As tremendous as the D7 and D700 products are (and Kenwood deserves a ton
of credit for being there FIRST), competition is the American way. I see
this as a double good whammie: We will have the Number One Big Boy waking
up and smelling the (APRS) coffee, and we will hopefully have an entirely
new plethora of software, I would guess fully integrated from the git-go.
If you check out micrologic's web site, you will see that they are real
pros when it comes to software applications, which is what we want!

Keep in mind that ICOM has made no announcements as to products---I am
speculating, and this is purely my opinion. But, come on now---ICOM's bread

and butter is the Ham market, not the commercial side. Two and two is
pretty easy to add up, especially as they see the success of the D7 and
D700 and they have nothing to respond with. Moreover, think of the leverage
they could now have with their display screen technology they have already
developed on their IC-2800 mobile, as well as their new portable scanner.
These would be great for displaying APRS icons, and the like.

Now, can they have a handheld, base and mobile, all with built in GPS and
integrated software, in time for Christmas 2000?!

Lary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

209. [htaprs] Move Over Kenwood: ICOM Has Acquired Micrologic (Developer Of LoJack)!!!

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 27 Aug 2000 21:38:23
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105487-2000.08.27-21.44.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI.

ICOM announced on Friday, August 25, 2000 that they have acquired the
assets of Micrologic (www.micrologic.com). These are the guys that
developed the LoJack system!

As tremendous as the D7 and D700 products are (and Kenwood deserves a ton
of credit for being there FIRST), competition is the American way. I see
this as a double good whammie: We will have the Number One Big Boy waking
up and smelling the (APRS) coffee, and we will hopefully have an entirely
new plethora of software, I would guess fully integrated from the git-go.
If you check out Micrologic's web site, you will see that they are real
pros when it comes to software applications, which is what we want!

Keep in mind that ICOM has made no announcements as to products---I am
speculating, and this is purely my opinion. But, come on now---ICOM's bread
and butter is the Ham market, not the commercial side. Two and two is
pretty easy to add up, especially as they see the success of the D7 and
D700, and they currently have nothing on the market to respond with.
Moreover, think of the leverage they could now have with their display
screen technology they have already developed on their IC-2800 mobile, as
well as their new portable scanner. These would be great for displaying
APRS icons, and the like.

Now, can they have a handheld, base and mobile, all with built in GPS and
integrated software, in time for Christmas 2000?! If not, I'm booking my
reservations for Dayton 2001!!

Lary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

210. [htaprs] Keyboard For D700?

From: "Larry Zanella" <larry.zanella@attws.com>
Date: Sun, 27 Aug 2000 22:39:43
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105499-2000.08.27-22.46.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Late last Spring, there was a fair amount of posts here concerning the
possibilty of a keyboard for the D700.

Has any progress been made?

I saw a recent post here concerning a small handheld calculator assembly
that might be able to work. However, I thought the idea was a dedicated
keyboard, hopefully backlit, and attaching it to the serial input of the
radio. Perhaps a bigger display, also?

I have 3 D700s---one in each of my 2 vehicles, plus one in my den as my
APRS base. I'd buy 3 keyboards in a second. I suspect many Hams that use
the D700 have more than one, and would also love to have a keyboard.

Is there any way that TAPR could develop a keyboard for commercial sale?

How about a bigger dispaly that would be integrated with such a keyboard
that would be small enough to mount in a vehicle, yet allow a decent amount
of text to be read and keyed in?

Larry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

211. [htaprs] Re: bicycle sunday

From: Skip Allison <sallison@megsinet.net>
Date: Sun, 27 Aug 2000 22:52:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105503-2000.08.27-23.00.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looks like you only made it about 5 miles. By the way, you're showing a
motorcycle icon. The D7 sends the wrong icon for a bicycle. To get the
real bicycle icon you have to select OTHERS /b.

I was out on my bike today too - k9sa-4

Skip
K9SA

STEVE SCOTT LAS VEGAS wrote:
>
> heading out on my bicycle and gps at 10 30 sunday las vegas if you want to
> track me
>
> kd8s-14
>
> 73
> find me on a map+ACE-   go to   http://map.findu.com/kd8s-7   works only
> if i am sending my position out   and in satellite range
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

212. [htaprs] Question for the group

From: Peter Anderson <panderson@CenterPartners.com>
Date: Mon, 28 Aug 2000 08:12:14 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105584-2000.08.28-09.19.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK her is a probley simple question for the group, does the GPS have to be
plugged in to the D700? I have a product called the Road Writer
http://www.revolvedesign.com/producthome.html
<http://www.revolvedesign.com/producthome.html> and was just curious if the
GPS had to be run into the D700 or could I run it into the back of the road
Writer to have it work> If anyone has insight on this send me a mil off the
list.

Peter

It's alright to talk to yourself. It's even alright to answer yourself. It
only becomes a problem if you're talking to yourself and you go "Huh? What
did you say?"
[Attachment: tech.gif; image/gif; 862 bytes]

213. [htaprs] Maps for GPSIIIplus

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Mon, 28 Aug 2000 16:53:35 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105594-2000.08.28-10.04.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello,

I have a new Garmin GPS III plus, and I heard the rumour, that there is
a possibility to download maps for this device from the internet.
Does anyone know more about this?

Just a comment after some days of trying, the GPSIII plus is a very
nice unit, and its accuarcy is fascinating. But the built in maps are
really bad, at least in my region (Austria). That is why I would like
to make things with another map.

73!
Werner
OE9FWV

Thought for the day:
    Intuition (n): an uncanny sixth sense which tells people
    that they are right, whether they are or not.

--
PGP-Key: http://www.qsl.net/oe9fwv/oe9fwv.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

214. [htaprs] Re: Maps for GPSIIIplus

From: "Schulman, Alan" <n4lbl@mail.webaccess.net>
Date: Mon, 28 Aug 2000 09:24:26 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105596-2000.08.28-10.23.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Werner:

For maps that cost money you can go to
http://www.garmin.com/cartography/mapSource/
and note that the GPS III+ will use the
Roads and Recreation CDs, not the Metro Guides.
If there are other sources than I am sure
interested too.

Alan   n4lbl

---------- Original Message ----------------------------------
From: "Dr. Werner Furlan" <furlan@gmx.net>
Reply-to: furlan@gmx.net
Date: Mon, 28 Aug 2000 16:53:35 +0200

>hello,
>
>I have a new Garmin GPS III plus, and I heard the rumour, that there is
>a possibility to download maps for this device from the internet.
>Does anyone know more about this?
>
>Just a comment after some days of trying, the GPSIII plus is a very
>nice unit, and its accuarcy is fascinating. But the built in maps are
>really bad, at least in my region (Austria). That is why I would like
>to make things with another map.
>
>73!
>Werner
>OE9FWV
>
>
>
>
>Thought for the day:
>   Intuition (n): an uncanny sixth sense which tells people
>   that they are right, whether they are or not.
>
>--
>PGP-Key: http://www.qsl.net/oe9fwv/oe9fwv.asc
>SMS: +436646340014@text.mobilkom.at

>Powered by Pegasus Mail - free at www.pmail.com
>
>---
>You are currently subscribed to htaprs as: n4lbl@arrl.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

215. [htaprs] ANNOUNCEMENT: ARRL/TAPR 19th Annual DCC Sep. 22-24

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Mon, 28 Aug 2000 22:12:58 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105756-2000.08.28-21.21.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Notice:
September 1, 2000 is the last day to receive the special hotel room rate of
$89/night single or double and the pre-registration price for the
conference.

ARRL and TAPR 19th Annual
Digital Communications Conference
September 22-24, 2000 - Orlando, Florida

For more information see: http://www.tapr.org/dcc

Information
Mark your calendar and start making plans to attend the year's premier event
in digital communications. The 19th Annual ARRL and TAPR Digital
Communications Conference will be held September 22-24, 2000, in Orlando,
Florida - just minutes from the Orlando International
Airport.

The ARRL and TAPR Digital Communications Conference is an international
forum for radio amateurs in digital communications, networking, and related
technologies to meet, publish their work, and present new ideas and
techniques for discussion. Presenters and attendees will have the
opportunity to exchange ideas and learn about recent hardware and software
advances, theories, experimental results, and practical applications. The
Digital Communications Conference is not just for the digital expert, but
also for digitally oriented amateurs of all levels of experience.

A Conference for the Beginner as well
The conference is not just for the digital expert. As in years past an
entire session strand with beginning, intermediate, and advanced
presentations on selected topics in digital communications will be offered.
Some of the topics will include: APRS, Satellite Communications, TCP/IP,
Digital Radio, Spread Spectrum and other introductory topics. Come to the
conference and hear these topics presented by the experts!

Area Attractions
The Orlando Florida area is famous for its attractions and vacation spots.
Disney World, Universal Studios, and Sea World (just to name a few) are
within 15 minutes of the hotel. Shuttle service from the hotel will be
available for a small fee. Cape Canaveral and Cocoa Beach are a 30 minute
drive East of the hotel.

Symposia, Seminars and Banquet
Two symposia/seminars will be held which allow those with additional time
and interest to make the most of the Conference. For those who may have
interest in just one symposium or seminar, registration for the conference
is not required to attend these activities. This allows maximum flexibility
for those who may want to participate during the Digital Communications
Conference, but do not have an entire weekend to devote to the event.

The Fourth APRS National Symposium will be held on Friday and will be
moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely
include many APRS software authors, such as Bob Bruninga, WB4APR (the father
ofAPRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS
and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS), Mike
Musick, N0QBF (developer of PocketAPRS), and other nationally known APRS
leaders. Join this group for the afternoon and evening for in-depth

discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

On Saturday night the DCC Banquet will be held. A guest speaker will speak after the banquet and a prize drawing will top the evening. The Grand Prize is a Palm VII Personal Digital Assistant and Synergy Systems LLC has donated two M12 development kits and many more.

The Sunday morning seminar will be focused on PIC development, design, and programming. This five-and-a-half hour seminar will focus on the things you need to know now in order to understand and begin to participate in PIC development.

Co-Hosts
The 2000 ARRL and TAPR Digital Communications Conference local co-hosts will be:
Lake Monroe Amateur Radio Society
(http://www.qsl.net/lmars/),
Orange County ARES/RACES
(http://evcom.net/~jvoisin/ares.htm),
Seminole County ARES/RACES
(http://wwww.geocities.com/capecanaveral/launchpad/4773),
and Orlando Amateur Radio Club
(http://www.oarc.org/).

International Co-Hosts PRUG (Packet Radio User Group of Japan) will be the International co-host for a third year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit http://www.prug.or.jp for more information about PRUG.

Hotel
Conference presentations, meetings, and seminars will be held at the Orlando Airport Marriott. It is highly recommended that you book your room prior to arriving. A special DCC room rate of $89/single and $89/double per night has been blocked for 50 rooms and is available until September 1st, 2000. Once the 50 rooms have been reserved, room rates will increase. So be sure to book your rooms early! The hotel provides transportation to and from the Orlando International Airport. Please contact the hotel to arrange specific transportation needs.

Orlando Airport Marriott (conference hotel)
7499 Augusta Drive
Orlando, FL 32822
Phone 407-851-9000, Fax 407-857-6211
(http://marriotthotels.com/MCOAP/)

What you can expect at DCC 2000
- A full day of papers and breakouts for the beginner to the advanced
- Two seminars/symposiums
- The fifth annual Student Paper session.
- A banquet with Special Guest Speaker.
- Informal get-togethers throughout the weekend.
- TAPR Membership Meeting
- An event at which the most important new developments in amateur digital communications are announced.
- Digital 'movers and shakers' from all over the world in attendance.

There are few activities where your participation can be so much fun and important! What a great way to share and renew your enthusiasm for digital amateur radio! A get-together with colleagues and bringing each other up to date on your latest work -- all this, and more, for an unforgettable weekend of amateur radio and digital communications. We hope to see you at the ARRL and TAPR Digital Communications Conference on September 22-24, 2000!

Full information on the conference and hotel information can be obtained by contacting:

Tucson Amateur Packet Radio
Phone: (940) 383-0000.
Fax: (940) 566-2544
Email: tapr@tapr.org
Web: http://www.tapr.org

Registration Form
Contact the TAPR office by Phone 940-383-0000, Fax 940-566-2544, or Internet: http://www.tapr.org and tapr@tapr.org to register or for additional information.

Conference Registration includes: Conference Proceedings, Sessions,
Meetings, and Lunch on Saturday.

- Pre-Registration (before Sept 1st)

$45.00 _____

- Registration (after Sept 1) or at door

$55.00 _____

- Saturday Evening Dinner (Limited Space)
Dinner with Guest Speaker
Prize Drawing

$30.00 _____

Symposia/Seminars

- 4th Annual APRS National Symposium
Friday, 1pm - 7pm. $25.00 _____

- Sunday Seminar
PIC Design, Development, and Programming

Sunday, 8:30 am - 2 pm. $20.00 _____

TOTAL _____

Name/Call:

Street Address:

City/State/Zip:

Country:

Phone Number:

Email:

Charge my credit card (circle one):

VISA MasterCard

Acct:

Expiration Date:

Signature on card:

Mail completed registration form with check to:
TAPR
8987-309 E Tanque Verde Rd #3378
Tucson, AZ 85749-9399

Or check http://www.tapr.org/dcc for an on-line registration form.

A registration packet will be mailed in September upon receipt of
registration form and payment.

You are currently subscribed to dsp as: SRBIBLE@GATE.NET
To unsubscribe send a blank email to leave-dsp-3222B@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

216. [htaprs] thd7g

From: "bdevine" <bdevine@charter.net>
Date: Mon, 28 Aug 2000 22:07:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105797-2000.08.28-22.14.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am playing with the radio and have hooked up my sharps hc4100 to the data
jack and it works fine 2nd i have a tripmate that has the mods done to self
start and it is sending out it requierd information it works with aprs ce
and my posit shows up on my map.
Now for the problem when i hook up the tripmate to the radio and tell the
software to get data from tnc it will not get any the adapter i have made
up using ground and tip it is only a 2 wire plug 2.5 mm is it possible that
i have the adapter wired wrong or wrong plug it is not shorting out or is
the receive data line the second pin on the stero plug any body got any
ideas i am bout out of them

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

217. [htaprs] Re: thd7g

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 29 Aug 2000 01:46:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105873-2000.08.29-01.50.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Now for the problem when i hook up the tripmate to the radio and tell the
>software to get data from tnc it will not get any the adapter i have made
>up using ground and tip it is only a 2 wire plug 2.5 mm is it possible that
>i have the adapter wired wrong or wrong plug it is not shorting out or is
>the receive data line the second pin on the stero plug any body got any
>ideas i am bout out of them
>
>

 there are only 2 wires (other than ground) and the transmit wire on
 BOTH units is the one that wags the voltmeter.

Just don't connect two wiggly wires together.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

218. [htaprs] Re: Maps for GPSIIIplus

From: John W Wilson <z004391b@bc.seflin.org>
Date: Tue, 29 Aug 2000 07:39:02 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-105891-2000.08.29-06.46.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dr Werner,
There is a program called Mapsource which you can purchase and with it
you can upload maps to your GPS. There are at least two CDs available
now, one is the US Road and Recreation, and the other is the world. I
have both, and the one for the US is fairly comprehensive, and the one
for the world, which is just major roads. Both CDs are available from
Garmin.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Mon, 28 Aug 2000, Dr. Werner Furlan wrote:

> hello,
>
> I have a new Garmin GPS III plus, and I heard the rumour, that there is
> a possibility to download maps for this device from the internet.
> Does anyone know more about this?
>
> Just a comment after some days of trying, the GPSIII plus is a very
> nice unit, and its accuarcy is fascinating. But the built in maps are
> really bad, at least in my region (Austria). That is why I would like
> to make things with another map.
>
> 73!
> Werner
> OE9FWV
>
>
>
>
> Thought for the day:
>   Intuition (n): an uncanny sixth sense which tells people
>   that they are right, whether they are or not.
>
> --
> PGP-Key: http://www.qsl.net/oe9fwv/oe9fwv.asc
> SMS: +436646340014@text.mobilkom.at
> Powered by Pegasus Mail - free at www.pmail.com
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

219. [htaprs] KPC-4 For Sale (Need $$$ FOR SHELBY HF!) <LYR2306-105825-2000.08.29-00.00.31--N4WYK#INFOAVE.NET@lists.tapr.org>

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Tue, 29 Aug 2000 07:47:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105892-2000.08.29-06.53.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kantronics KPC-4 Dual Port Communicator TNC for sale!

This is a dual port TNC capable of 1200BPS per port simultaneously. Has 5.0
chip in it. I have ALL manuals for it. Great for MIC-E, etc. *PLEASE
E-MAIL ME DIRECTLY!* First come First serve! Headed for Shelby HF this
weekend and would like to have it sold by then. Can deliver to Shelby HF in
North Carolina if you are headed that way! Price is $130. Thanks & 73...

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.Net
N4WYK@AMSAT.Org
N4WYK@ARRL.Net
WORK - Tiltonr@nationwide.com
Foothills of North Carolina APRS Website: http://web.infoave.net/~n4wyk

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

220. [htaprs] Re: Maps for GPSIIIplus

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Tue, 29 Aug 2000 13:53:26 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-105896-2000.08.29-07.04.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi John,

thank you for reply,
the Garmin Maps I knew already. But they are very expensive and for the
region I live I need 3 map CD's to cover a square of 50km.
They sell the CD for each country separately and thats not very nice
for me.
If I could get a map for whole Europe on a CD like you for the US, I
would probably buy it, but thats not the case. Imagine you would have
to buy a CD for each federal state in the U.S.
My impression is that they try to make money with bad maps in the
Garmin and good ones they sell at a high price.

73!
Werner
OE9FWV

On 29 Aug 2000, at 7:39, John W Wilson wrote:

> Dr Werner,
> There is a program called Mapsource which you can purchase and with it
> you can upload maps to your GPS. There are at least two CDs available
> now, one is the US Road and Recreation, and the other is the world. I
> have both, and the one for the US is fairly comprehensive, and the one
> for the world, which is just major roads. Both CDs are available from
> Garmin.
>
>
> John W. Wilson, KN4HX
> z004391b@bcfreenet.seflin.lib.fl.us
>
>
> On Mon, 28 Aug 2000, Dr. Werner Furlan wrote:
>
> > hello,
> >
> > I have a new Garmin GPS III plus, and I heard the rumour, that there
> > is a possibility to download maps for this device from the internet.
> > Does anyone know more about this?
> >
> > Just a comment after some days of trying, the GPSIII plus is a very
> > nice unit, and its accuarcy is fascinating. But the built in maps are
> > really bad, at least in my region (Austria). That is why I would like
> > to make things with another map.
> >
> > 73!
> > Werner
> > OE9FWV
> >
> >
> >
> >
> > Thought for the day:
> >   Intuition (n): an uncanny sixth sense which tells people
> >   that they are right, whether they are or not.
> >
> > --
> > PGP-Key: http://www.qsl.net/oe9fwv/oe9fwv.asc
> > SMS: +436646340014@text.mobilkom.at
> > Powered by Pegasus Mail - free at www.pmail.com
> >
> > ---
> > You are currently subscribed to htaprs as: kn4hx@amsat.org
> > To unsubscribe send a blank email to
> > leave-htaprs-845T@lists.tapr.org Questions regarding the SIG go to
> > the SIG administrator: wa1lou@tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: furlan@gmx.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

Thought for the day:

Intuition (n): an uncanny sixth sense which tells people
that they are right, whether they are or not.

--
PGP-Key: http://www.qsl.net/oe9fwv/oe9fwv.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

221. [htaprs] KPC-4 For Sale (Need $$$ FOR SHELBY HF!)

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Tue, 29 Aug 2000 08:06:07 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105900-2000.08.29-07.11.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kantronics KPC-4 Dual Port Communicator TNC for sale!

This is a dual port TNC capable of 1200BPS per port simultaneously. Has 5.0
chip in it. I have ALL manuals for it. Great for MIC-E, etc. *PLEASE
E-MAIL ME DIRECTLY!* First come First serve! Headed for Shelby HF this
weekend and would like to have it sold by then. Can deliver to Shelby HF in
North Carolina if you are headed that way! Price is $130. Thanks & 73...

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.Net
N4WYK@AMSAT.Org
N4WYK@ARRL.Net
WORK - Tiltonr@nationwide.com
Foothills of North Carolina APRS Website: http://web.infoave.net/~n4wyk

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

222. [htaprs] Garmin 12XL Accuracy Report - Post SA

From: "Mark Pedroia - KF6TYS" <kf6tys@hotmail.com>
Date: Tue, 29 Aug 2000 11:00:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-105992-2000.08.29-13.07.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GPS & APRS users may find this article interesting.

Enjoy,

Mark Pedroia
KF6TYS

Garmin 12XL Accuracy Report - Post SA
Last updated on August 3, 2000 comments to John Bonde
With the elimination of the largest single error source from the GPS system civilian
users have seen a dramatic increase in accuracy from their receivers. Just how
accurate can a receiver costing less than $200 US be? Of course, the answer is
"It depends". Assuming a clear view of the sky atmospheric errors will tend to cause
the biggest problems. Complicating matters are that not all areas of the earth are
affected equally and that relatively rare events may cause large errors.

Click here to continue http://sparkie.nrri.umn.edu/saoff/intro.html

223. [htaprs] tripmate

From: "bdevine" <bdevine@charter.net>
Date: Tue, 29 Aug 2000 21:20:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-106163-2000.08.29-21.30.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THANKS TO ALL WHO HELPED MADE CABLE WRONG FOR GPS USED PIN 2 NOT PIN 3 WHACK
IT OFF AND AM MAKING NEW ONE THANK ALL OF YOU VERY MUCH

73 KB9LNC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

224. [htaprs] APRS/CE Build 806 Available

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 30 Aug 2000 14:06:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-106397-2000.08.30-13.14.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS/CE Build 806 is available! Please check http://www.tapr.org/~aprsce/ .

This fixes a few minor Pocket PC issues:

 - The toolbar background now repaints correctly,
   eliminating BitBlt "droppings" on the unused
   portion of the bar.
 - The splash dialog now has a border around it
   so it's visible on top of the startup map.
   It also provides instructions to "Tap here
   to close this window"
 - Probably the most helpful change, and the
   whole reason I released this, is that the
   status bar has been re-added to the Pocket PC
   version. This will help to get serial connections
   debugged, as you can now watch the serial
   (and/or network) traffic on the bottom
   of your screen.

Build 777 is still available, in case there are problems with 806.

Please download and let me know your successes and/or trials.

Thanks,

   -Rob
    KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

225. [htaprs] Palm IIIxe

From: "Henry Moseley" <hmose@sover.net>
Date: Wed, 30 Aug 2000 15:36:04 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-106420-2000.08.30-14.45.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does any know whether Palm Sat Tracker and/or PalmAPRS, will run on the new,
inexpensive, PalmIIIxe???

Henry
KA1RRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

226. [htaprs] Re: Palm IIIxe

From: Christopher McNabb <cmcnabb@4mcnabb.net>
Date: Wed, 30 Aug 2000 17:47:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-106458-2000.08.30-16.55.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use a PalmIIIxe with a D700, Pharos GPS, and PalmAPRS. Works fine.

On Wed, 30 Aug 2000, Henry Moseley wrote:

> Does any know whether Palm Sat Tracker and/or PalmAPRS, will run on the new,
> inexpensive, PalmIIIxe???
>
> Henry
> KA1RRT
>
>
> ---
> You are currently subscribed to htaprs as: cmcnabb@4mcnabb.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

227. [htaprs] global call for help

From: "bdevine" <bdevine@charter.net>
Date: Wed, 30 Aug 2000 19:54:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga" <bruninga@nadn.navy.mil>, <ui-view@egroups.com>,
"TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Message-ID: <LYR845-106509-2000.08.30-20.02.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

here is the problem i have a th-d7 g version

tripmate gps with self start mod done. it is putting data out on pin 2
the data cable for the gps jack is hook up pin 2 to ring . gps has lock
still doswnt show position.

gps show my posit on ui view waprs
wince aprs .

MY QUESTION IS SHOULD I SEND THE RADIO BACK TO GET LOOKED AT OR SET IT ON
THE FENCE POST AND USE IT FOR TRAGET PRACTICE .. BANG >>>
!
>>>BANG [] NO HT NO PROBLEM

NO JUST KIDDING BOUT READY TO PACK IT UP AND SEND IT BACK THIS IS ON LAST
DITCH EFFORT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

228. [htaprs] Re: APRS/CE Build 806 Available

From: Carl Littlejohns <carl_mail@dr.com>
Date: Thu, 31 Aug 2000 05:15:39 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-106534-2000.08.30-23.18.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Might be an idea to put the build number in the .zip name- I'm gonna
get em all mixed up else :)

Carl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

229. [htaprs] Re: global call for help

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 31 Aug 2000 01:34:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-106616-2000.08.31-01.41.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>here is the problem i have a th-d7 g version
>
>tripmate gps with self start mod done. it is putting data out on pin 2
>the data cable for the gps jack is hook up pin 2 to ring . gps has lock
>still doswnt show position.
>
>gps show my posit on ui view waprs
>wince aprs .
>
>MY QUESTION IS SHOULD I SEND THE RADIO BACK TO GET LOOKED AT OR SET IT ON
>THE FENCE POST AND USE IT FOR TRAGET PRACTICE .. BANG >>>
>   !
>>>>BANG [] NO HT NO PROBLEM
>
>NO JUST KIDDING BOUT READY TO PACK IT UP AND SEND IT BACK THIS IS ON LAST
>DITCH EFFORT
>

The Tripmate can take 15 mins to get a valid sat lock (outside)
might never get a lock inside. If the NMEA fix is not valid the D7A won't use it
even if there is NMEA flowing.

I would find some one with a d7a/d700 GPS setup and plug it into your D7a

or as suggested several time look at the NMEA data on a computer communications program
and send us a 25 line sample.   a V in the data streen is invalid data and a A
is valid remember A OK

you never said if this is a standalone set up or you are running the d7a into a computer.

just cause data is comming out of the tripmate doesn't mean the d7a can use it.

73

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

230. [htaprs] PocketSat with a Plam

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 31 Aug 2000 06:55:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: aprssat@lists.tapr.org
Message-ID: <LYR845-106655-2000.08.31-07.03.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Palm Sat Tracker called PocketSat is only $12.50 US and you
can get it online from www.palmgear.com

I use the Palm IIIc (color) unit and the display can be set to red
for night mode as you watch outside.

PLUS the unit can dial up to get the new keps. using a Free program
called getTLE. (need a modem and hot-sync cable)

Use the Seatch function on the palmgear site to find the software.

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

231. [htaprs] Re: global call for help

From: "Mike Edwards" <medwards@atlantic.net>
Date: Thu, 31 Aug 2000 09:26:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-106678-2000.08.31-08.30.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do you hear beeps from the D7G? is Menu 2-2 set to GPS UNIT - NMEA? The
radio should send low tone beeps about every 10 seconds if it is receiving
data at all, then bleep three high tones when it receives the first good
posit from the GPS.

Maybe check to see that you have the two data lines between the radio and
GPS wired right. I got mine backwards the first time. Reversed 2 and 3, bam!
:-)

Mike KE4YGT (Don't use that radio for target practice, send it to me
instead, I can use a spare D7)

----- Original Message -----
From: bdevine <bdevine@charter.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: Bob Bruninga <bruninga@nadn.navy.mil>; <ui-view@egroups.com>; TAPR APRS
Special Interest Group <aprssig@lists.tapr.org>
Sent: Wednesday, August 30, 2000 8:54 PM
Subject: [htaprs] global call for help

> here is the problem i have a th-d7 g version
>
> tripmate gps with self start mod done. it is putting data out on pin 2
> the data cable for the gps jack is hook up pin 2 to ring . gps has lock
> still doswnt show position.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

232. [htaprs] Re: PocketSat with a Plam

From: "hasan schiers" <schiers@netins.net>
Date: Thu, 31 Aug 2000 09:05:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <aprssat@lists.tapr.org>
Message-ID: <LYR845-106693-2000.08.31-09.13.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is a MARVELOUS program. I downloaded it last week and registered it the
same day, once I saw how well it worked both on an LCD Palm IIIx and Palm
IIIc color. One caveat, it does not track elliptical orbit birds like AO-10
or upcoming Phase IIId. It is for LEO birds only (like all the pacsats and
ones we use with aprs as well as MIR and ISS). I have been in touch with the
author and he has expressed some interest in putting out a version that will
work with the elliptical orbit birds. I would think if we sent him a bunch
of messages indicating our interest, we could get him to do it.

The URL for info about the program is:

http://emmgraphics.com/pilot/pocketsatinfo.html

You can order/download it from Palmgear site. I think you can download the
trial version from the web site noted above.

73,

...hasan

> The Palm Sat Tracker called PocketSat is only $12.50 US and you
> can get it online from www.palmgear.com
>
> I use the Palm IIIc (color) unit and the display can be set to red
> for night mode as you watch outside.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

233. [htaprs] Re: global call for help

From: Bob Gormley <BGormley@INTELECTINC.COM>
Date: Thu, 31 Aug 2000 09:23:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-106704-2000.08.31-09.30.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike brought up a good point about the two data lines between the radio
and GPS. Since I'm new on the D7G and GPS scene, do you need both tx and
rcv data lines connected between the D7G and GPS. I'm using a Garmin GPSIII
with only tx (from GPS) to rcv on D7G connected. Does the radio have to
respond back to the Garmin to function properly?

Bob WA5YWC Plano, TX

-----Original Message-----
From: Mike Edwards [mailto:medwards@atlantic.net]
Sent: Thursday, August 31, 2000 8:26 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: global call for help

Do you hear beeps from the D7G? is Menu 2-2 set to GPS UNIT - NMEA? The
radio should send low tone beeps about every 10 seconds if it is receiving
data at all, then bleep three high tones when it receives the first good
posit from the GPS.

Maybe check to see that you have the two data lines between the radio and
GPS wired right. I got mine backwards the first time. Reversed 2 and 3, bam!
:-)

Mike KE4YGT (Don't use that radio for target practice, send it to me
instead, I can use a spare D7)

----- Original Message -----
From: bdevine <bdevine@charter.net>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: Bob Bruninga <bruninga@nadn.navy.mil>; <ui-view@egroups.com>; TAPR APRS
Special Interest Group <aprssig@lists.tapr.org>
Sent: Wednesday, August 30, 2000 8:54 PM
Subject: [htaprs] global call for help

> here is the problem i have a th-d7 g version
>
> tripmate gps with self start mod done. it is putting data out on pin 2
> the data cable for the gps jack is hook up pin 2 to ring . gps has lock
> still doswnt show position.
>

You are currently subscribed to htaprs as: bgormley@intelectinc.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

234. [htaprs] APRS Protocol Specification Version 1.0

From: John Ackermann <jra@febo.com>
Date: Thu, 31 Aug 2000 10:56:39 -0300
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-106721-2000.08.31-10.04.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm happy (you don't know *how* happy) to announce that APRS Protocol
Specification Version 1.0 was approved by the APRS Working Group on
August 29, 2000 and has been made available for download at the Working
Group web page, http://www.tapr.org/tapr/html/Faprswg.html.

This Version 1.0 (technically, due to change control, version 1.0.1)
document is nearly 130 pages long and does a tremendous job documenting
the APRS protocol as used on the air in the summer of 2000. We should
all thank the Working Group members, and especially Ian Wade, G3NRW, the
Technical Editor who actually wrote the thing, for their hard work.
Although the process took far longer than anyone anticipated when we
started, I think the end result is definitely worth the wait.

Where do we go from here? Although this is an excellent document, it
almost certainly still contains errors, omissions, and ambiguities. In
addition, it reflects only the current protocol, and not any of the areas
in which the protocol might be extended. The WG members will be meeting
at the DCC in Orlando next month and electronically thereafter to put in
place a mechanism to deal with requested corrections and enhancements.
The WG Charter outlines a way to handle this, but experience has shown that
some modifications may be necessary for a workable process.

Also at the DCC and thereafter, the WG will consider adding new members.
Since its founding, several new authors have come on the scene, and two
of the original members have resigned. Any author of software or firmware
implementing the APRS protocol who wishes to join the WG should contact
me (jra@febo.com or n8ur@tapr.org) directly. Please -- we need to hear
directly from those interested in joining, so rather than writing to ask
that someone be considered, encourage that person to get in touch with me.
Also, please remember that the WG is not affiliated with TAPR. Membership
decisions will be made by the group, and I can't tell you now how many (if
any) new members will be added.

73,
John Ackermann   N8UR
Administrative Chair, APRS Working Group
jra@febo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

235. [htaprs] ANSWER Re: global call for help

From: "Valentino Sarro, VE6SZR" <sarrov@home.com>
Date: Thu, 31 Aug 2000 09:00:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-106724-2000.08.31-10.08.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Gormley wrote:

> Mike brought up a good point about the two data lines between the radio
> and GPS. Since I'm new on the D7G and GPS scene, do you need both tx and
> rcv data lines connected between the D7G and GPS. I'm using a Garmin GPSIII
> with only tx (from GPS) to rcv on D7G connected. Does the radio have to
> respond back to the Garmin to function properly?
>
> Bob WA5YWC Plano, TX

You don't need both data lines connected to operate the D7 as a
tracker........HOWEVER, if you do have both data lines connected then you get to
take advantage of a "little used" feature of the D7 radio.

The D7 will automatically convert APRS position packets to the Garmin waypoint
format (GPWPL I believe its called). Anyways, if a person has their Garmin GPS
(II,II+,III,III+) interface setup in NMEA/NMEA mode for bi-directional
communication with the radio.....the D7 will plot APRS stations on the moving
map display of the GPS!!!! PRetty neat if you don't have a laptop or palmtop
computer available.......however, this will add each station to your waypoint
list......which can be very troublesome when you have to delete them! <grin>

Cheers,
Tino/VE6SZR
Calgary, Alberta

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

236. [htaprs] Re: D700 Clock

From: "Charles H. Rahe, II" <crahe@infi.net>
Date: Thu, 31 Aug 2000 11:26:32 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Barry <kk7ok@netzero.net>, Jack Parker <jparker@iquest.net>,
Jack Parker <wishman8@yahoo.com>
Message-ID: <LYR845-106738-2000.08.31-10.33.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Believe that I may have stumbled across the cure for the weird clock operation in the D700A.
On pg 12 of the Specialized Comm. manual, at the bottom of the 2nd column is a note about resetting the clock IC. Performed the reset yesterday morning and since then the clock has kept proper time over a 24 hr period, including the rollover at midnight and a shutdown for several hours.

The directions seem to imply that the reset is done after the unit is turned on, but I didn't get any results that way. However, if I held the middle two (third & fourth) buttons down when I turned the unit on it reset the internal time and date to 0's. The middle two buttons are the REV & LOW buttons under the usual button assignment. If you have changed the button mode as I have these two buttons will be labeled P.MON & BCON when the radio is turned on.

Of course you'll have to set the proper time & date either thru the controls or with the GPS time set function under "POSITION" when you have a good GPS signal.

Now if only we could have used those extra hours that the units were putting in a day Kenwood would have a real money maker. Also note that the clock chip is only good thru 2098. You younger fellows may end up with a useless radio after then. ;-).

"Charles H. Rahe, II" wrote:

> Has anyone else experienced weird jumps in the hour of the
> D700's internal clock? I set it either via the GPS or manually and when
> I look later the hour is way off time. Sometimes it's even over 23 and
> as high as 38. Every thing else seems to function properly.
>
> Is there an internal battery for the clock that may be dead?
>
> This is my second D700 and I just bought it the end of June. The other
> one doesn't have this problem.
>
> Any suggestions would be appreciated. Charlie
[Attachment: crahe.vcf; text/x-vcard; 190 bytes]

237. [htaprs] Miami-DCC

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Thu, 31 Aug 2000 11:56:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-106746-2000.08.31-11.03.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Seems that my partner for DCC will not be able to make it so I am again looking for somebody to drive with and/or room with at DCC. Will be leaving Miami Friday morning.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

September 2000

Original source file: htaprs.0009
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0009

1. [htaprs] TH-D7A(G) PROBLEM

From: "Pedro Perez Alvarez-C." <eb4dka@teleline.es>
Date: Sat, 2 Sep 2000 5:17:24
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107057-2000.09.02-05.24.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi friends,
I have a little problem. When I put my D7A(G) in VHF in the B band working
APRS, the TX voltmeter does not work in this band when I transmit a beacon
or a message (the TX voltmeter is shown in the A band while I am
transmiting VHF APRS in the B band). In RX the s-meter works fine, and in
voice mode both TX voltmeter and RX s-meter also work (VHF B band).
Is this correct?
Pedro, EB4DKA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] RE: TH-D7A(G) PROBLEM

From: Peter Loveall <psl@ametx.com>
Date: Sat, 2 Sep 2000 06:13:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107061-2000.09.02-06.20.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got one this week too. It appears that the S-meter/Battery meter
functions only display the selected band for voice operation. This appears
to be by design.

By the way, I am using the TH-D7A(G) with a Garmin eTrex and have a great
time (I did replace the antenna for better performance on 2m). Today I
leave for Munich, Germany and will take them with me. The programmable
offset feature (not documented) is great for international travel. Look for
reports from AE5PL-7 this week from Germany and Switzerland.

73,

Pete Loveall AE5PL
http://www.ametx.com/ae5pl/
mailto:ae5pl@ametx.com

-----Original Message-----
From: Pedro Perez Alvarez-C. [mailto:eb4dka@teleline.es]
Sent: Saturday, September 02, 2000 12:17 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] TH-D7A(G) PROBLEM

Hi friends,
I have a little problem. When I put my D7A(G) in VHF in the B band working
APRS, the TX voltmeter does not work in this band when I transmit a beacon
or a message (the TX voltmeter is shown in the A band while I am
transmiting VHF APRS in the B band). In RX the s-meter works fine, and in
voice mode both TX voltmeter and RX s-meter also work (VHF B band).
Is this correct?
Pedro, EB4DKA

You are currently subscribed to htaprs as: psl@ametx.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] thd7g reflector

From: "bdevine" <bdevine@charter.net>
Date: Sun, 3 Sep 2000 09:40:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107267-2000.09.03-09.47.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just started a new list at egroups

it is called thd7g@egroups.com

open talk about the ht software issues any any thing of genral interest.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] thd7g group

From: "bdevine" <bdevine@charter.net>
Date: Sun, 3 Sep 2000 11:52:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107309-2000.09.03-12.00.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

to subthd7g-subscribe@egroups.com scribe send message

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] Re: thd7g reflector

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sun, 3 Sep 2000 10:18:46 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107330-2000.09.03-12.26.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't see the benefit of starting more D7(G) lists. It seems to me that it
would be more practical to keep the discussions here. Otherwise we have to
keep up with two separate lists, as well as crossposting, etc. AGGGHHH!

Just my .02$

Walter

----- Original Message -----
From: "bdevine" <bdevine@charter.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, September 03, 2000 7:40 AM
Subject: [htaprs] thd7g reflector

> Just started a new list at egroups
>
> it is called thd7g@egroups.com
>
> open talk about the ht software issues any any thing of genral interest.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: thd7g reflector

From: "Amy/Sheri/Jerry" <tags@hctc.com>
Date: Sun, 3 Sep 2000 11:04:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107336-2000.09.03-13.11.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Which way this goes is okay by me but here is a message I just sent and go
returned because I had not subscribed yet.

Maybe my message is better posted here.

Here is the message:
I just got my th7g, downloaded the software from the Kenwood site, plugged
the radio in and could not get the software to see my radio to read/write to
it.

I get a time out message. One person said he is on COM1 and I am on COM2.
Hope that is right. I know I had a program for reading cards that gave all
options for the COM1 through 4 but would only work on COM1. Hope that is
not the case here.
The program I downloaded (MCP-D7G) has no help and I commented to the
address where I downloaded the program that it is missing.
The instruction manual that comes with the radio is for the TH-D7A showing a
"D" after all the frequencies in the manual. The Enhanced features manual
(APRS mainly) would in deed have the "D" behind the frequencies because the
TNC and/or Packet indicator is on the display. I think the "D" goes away
when you have the TNC off (I say this because I did a Full Rest of the
radio because the error I was getting from the software program).
So could someone walk me though the areas where I might be fowling up?
Thank you for the help. Bottom line is how do I shake hands between the
MCP-D7G and radio?
Thank you for any help.
Jerry DE N7YGE

-----Original Message-----
From: bounce-htaprs-19836@lists.tapr.org
[mailto:bounce-htaprs-19836@lists.tapr.org] On Behalf Of Walter Dunckel
Sent: Sunday, September 03, 2000 10:19 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: thd7g reflector

I don't see the benefit of starting more D7(G) lists. It seems to me that it
would be more practical to keep the discussions here. Otherwise we have to
keep up with two separate lists, as well as crossposting, etc. AGGGHHH!

Just my .02$

Walter

----- Original Message -----
From: "bdevine" <bdevine@charter.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, September 03, 2000 7:40 AM
Subject: [htaprs] thd7g reflector

> Just started a new list at egroups
>
> it is called thd7g@egroups.com
>
> open talk about the ht software issues any any thing of genral interest.

You are currently subscribed to htaprs as: tags@hctc.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] Re: thd7g reflector

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sun, 03 Sep 2000 15:24:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-107346-2000.09.03-15.31.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Amy/Sheri/Jerry wrote:
> Bottom line is how do I shake hands between the
> MCP-D7G and radio?

> Thank you for any help.
> Jerry DE N7YGE
>

Jerry,

I have no trouble with the interface.. I would suggest,
that you some how insure you are using COM1 on the
pc/laptop... Then insure you are using 9600,n,8,1 for
the parameters of the port.. This done, then if the D7G
and pc don't talk to each other, reverse the data
lines. The reversing of the data lines has always been
the main reason the communication has not worked first
time..

73! es good luck

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: thd7g com1 problems

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 3 Sep 2000 21:22:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107382-2000.09.03-21.29.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

one old computer port trick is to jumper The RS-232 pins 2 and 3 together
and run a comm program. With the pins jumped any key you type
on the key board will echo and NOT echo if the jumper is removed.

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

9. [htaprs] Source for 2.5mm plug for D7A

From: Doug Ferrell <kd4moj@kd4moj.org>
Date: Mon, 04 Sep 2000 14:02:20 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107526-2000.09.04-13.10.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy All:
        I just aquired a D7a and want to connect mh GPS][+ up to it using the
2.5mm plug... scanned the RS catalog and didn't see it in there. Anyone
know of a source for this?

...DOUG
kd4moj

    http://www.tallahassee-scanner.com Scanning Tallahassee Florida
  +---+
  | Doug Ferrell   Voice (850) 575-7119 |
  | kd4moj@kd4moj.org, http://www.kd4moj.org   Fax (850) 575-6577 |
  | Amateur Radio & Television (ATV), APRS   APRS 144.390 Mhz |
 | 3027.27N / 08420.80W Tallahassee Florida   131.8 CTCSS 444.400 Mhz |

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] Re: Source for 2.5mm plug for D7A

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Mon, 04 Sep 2000 19:20:47 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-107532-2000.09.04-14.27.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Doug,

I found some at Mouser Electronics www.mouser.com

Try part # 172-2010. When I ordered some months ago they were $3.30 each.
They are a right angle plug and considerable more robust than the stock
Kenwood plug. I got excellent service from Mouser. They will also send you
a nice CD catalog.

Jim
KM5BS

All:
>   I just aquired a D7a and want to connect mh GPS][+ up to it using the
>2.5mm plug... scanned the RS catalog and didn't see it in there. Anyone
>know of a source for this?

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Share information about yourself, create your own public profile at
http://profiles.msn.com.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] Re: Source for 2.5mm plug for D7A

From: "Mike Edwards" <medwards@atlantic.net>
Date: Mon, 4 Sep 2000 15:32:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107533-2000.09.04-14.36.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used a 3/32" right angle, gold plated stereo plug from Radio shack. 2.5mm
= 1/10" = 3/30" ... close enough for me, no problems in PC or GPS port.

Radio Shack P.N. 274-(0)298, $1.99 (Zero on the receipt, but not the card,
go figure)

Mike KE4YGT

----- Original Message -----
From: Jim Morrison <km5bs@hotmail.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Sent: Monday, September 04, 2000 3:20 PM
Subject: [htaprs] Re: Source for 2.5mm plug for D7A

> Hi Doug,
>
> I found some at Mouser Electronics www.mouser.com
>
> Try part # 172-2010. When I ordered some months ago they were $3.30 each.
> They are a right angle plug and considerable more robust than the stock
> Kenwood plug. I got excellent service from Mouser. They will also send
you
> a nice CD catalog.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] email syntax

From: "Scott Anderson" <scottra@usa.net>
Date: Mon, 4 Sep 2000 15:9:4

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107542-2000.09.04-15.16.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello, I have searched through the manuals and the SIG archives, but
haven't been able to figure out the correct syntax for sending email via
the th-d7a(g). Do you put "EMAIL" in the "TO:" field, and then start the
body of the message off with an email address?

Regards,
Scott

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] Re: email syntax

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 04 Sep 2000 15:33:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-107546-2000.09.04-15.40.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Scott Anderson wrote:
>
> Hello, I have searched through the manuals and the SIG archives, but
> haven't been able to figure out the correct syntax for sending email via
> the th-d7a(g). Do you put "EMAIL" in the "TO:" field, and then start the
> body of the message off with an email address?
>
> Regards,
> Scott

That's correct Scott. It wouldn't be in the "manual" if
you are refering to Kenwood's manual. It also is not in
the documentation for aprs. I feel it surely is in the
aprssig archives tho..
Make sure you leave a space after the email address in
the body of the message..

Good luck

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Re: Source for 2.5mm plug for D7A

From: John W Wilson <z004391b@bc.seflin.org>
Date: Mon, 4 Sep 2000 20:32:20 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-107574-2000.09.04-19.39.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had trouble with my 3/32" plug: slightly too small to make solid
contact. I have to hold it to one side to make it work.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Mon, 4 Sep 2000, Mike Edwards wrote:

> I used a 3/32" right angle, gold plated stereo plug from Radio shack. 2.5mm
> = 1/10" = 3/30" ... close enough for me, no problems in PC or GPS port.
>
> Radio Shack P.N. 274-(0)298, $1.99 (Zero on the receipt, but not the card,
> go figure)
>

> Mike KE4YGT
>
> ----- Original Message -----
> From: Jim Morrison <km5bs@hotmail.com>
> To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
> Cc: <htaprs@lists.tapr.org>
> Sent: Monday, September 04, 2000 3:20 PM
> Subject: [htaprs] Re: Source for 2.5mm plug for D7A
>
>
> > Hi Doug,
> >
> > I found some at Mouser Electronics www.mouser.com
> >
> > Try part # 172-2010. When I ordered some months ago they were $3.30 each.
> > They are a right angle plug and considerable more robust than the stock
> > Kenwood plug. I got excellent service from Mouser. They will also send
> you
> > a nice CD catalog.
> >
> >
> >
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: [aprssig] Help Me remember

From: "bdevine" <bdevine@charter.net>
Date: Mon, 4 Sep 2000 19:51:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>,
"TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107579-2000.09.04-19.59.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i am confused as to what you are in reference to do i know you .
my my internet connection is of no concern of yours.
i have several isp depending on where iam at the time also
would you like a list of the other groups that i moderate
if you need have the need to find my location go to findu.com
and look up my kb9lnc and kb9lnc-3 they are located in southern indiana
if you have a problem with me email me direct at bdevine@charter.net
and we will discuss it.
----- Original Message -----
From: "Lee Dahlen" <kd4tqz@yahoo.com>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Cc: <n4wyk@infoave.net>
Sent: Monday, September 04, 2000 7:12 PM
Subject: [aprssig] Help Me remember

> Bdevine@charter.net????? Just sent him 2 emails at
> his address on QRZ (which is different). Ironically
> he is the moderator of the new TH-D7 sig on egroups.
> No answers on emails yet, but Charter is a local ISP
> here in the carolinas and Byron lives out west!!!!
> Did I also mention a certain familiarity with
> punctuation and capitalizations???? Can it be true
> after the rain report???   BYRON DEVINE KB9LNC COME
> FORWARD and tell me you are you before I persue this
> matter for you!!.
>
> Lee/KD4TQZ
>
> _____
> Do You Yahoo!?
> Yahoo! Mail - Free email you can access from anywhere!
> http://mail.yahoo.com/
>
> ---
> You are currently subscribed to aprssig as: bdevine@charter.net
> To unsubscribe send a blank email to leave-aprssig-19694N@lists.tapr.org

> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] Re: [aprssig] Help Me remember

From: "bdevine" <bdevine@charter.net>
Date: Mon, 4 Sep 2000 19:59:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>,
"TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107581-2000.09.04-20.07.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

oh by the way if forgot to list all my emails so you can do what ever
bdevine915@yahoo.com
kb9lnc@qsl.net
byrond@vesupply.com
byron@kb9lnc.dhs.org
kb9lnc@kb9lnc.ampr.org
one that i have used in the past

byrdev@bestonline.net
byron@kirbyrisksupply.com vincennes branch number is 812-882-2938

get the message shut your hammer unless you know what your are talking about
dont know any thing about rain or what ever else that you are in reference
to
sorry to put this out on the sig but i thought the air needed to be cleared
asap

----- Original Message -----
From: "Lee Dahlen" <kd4tqz@yahoo.com>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Cc: <n4wyk@infoave.net>
Sent: Monday, September 04, 2000 7:12 PM
Subject: [aprssig] Help Me remember

> Bdevine@charter.net????? Just sent him 2 emails at
> his address on QRZ (which is different). Ironically
> he is the moderator of the new TH-D7 sig on egroups.
> No answers on emails yet, but Charter is a local ISP
> here in the carolinas and Byron lives out west!!!!
> Did I also mention a certain familiarity with
> punctuation and capitalizations???? Can it be true
> after the rain report???   BYRON DEVINE KB9LNC COME
> FORWARD and tell me you are you before I persue this
> matter for you!!.
>
> Lee/KD4TQZ
>
> _____
> Do You Yahoo!?
> Yahoo! Mail - Free email you can access from anywhere!
> http://mail.yahoo.com/
>
> ---
> You are currently subscribed to aprssig as: bdevine@charter.net
> To unsubscribe send a blank email to leave-aprssig-19694N@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: [aprssig] Help Me remember

From: "Walter Dunckel" <walter@radiohound.com>
Date: Mon, 4 Sep 2000 18:46:09 -0700

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107589-2000.09.04-20.54.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please answer your personal e-mails elsewhere. This way you will not waste
all our time with messages that have nothing to do with APRS. Remember,
there are hundreds of people on this list that probably didn't sign up to
read this sort of thing. Remember this IS an HT-APRS special interest group.

Thanks,

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] Re: [aprssig] Help Me remember

From: Lee Dahlen <kd4tqz@yahoo.com>
Date: Mon, 4 Sep 2000 19:49:42 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-107606-2000.09.04-21.56.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey Byron and all,

I will not appollogise for making sure there is no
foul play against a fellow ham, considering it has
happened on this sig several times. (It even happend
to you last year You might read the archives from
others, they are available on the tapr sig.)
FURTHERMORE,I would expect the same in return. and
would not be offended in any way. If ANYBODY on this
sig has a problem with this, PLEASE EMAIL me direct.
I will gladly discuss it with you.

Lee/KD4TQZ

--- bdevine <bdevine@charter.net> wrote:
> oh by the way if forgot to list all my emails so you
> can do what ever
> bdevine915@yahoo.com
> kb9lnc@qsl.net
> byrond@vesupply.com
> byron@kb9lnc.dhs.org
> kb9lnc@kb9lnc.ampr.org
> one that i have used in the past
>
> byrdev@bestonline.net
> byron@kirbyrisksupply.com vincennes branch number
> is 812-882-2938
>
> get the message shut your hammer unless you know
> what your are talking about
> dont know any thing about rain or what ever else
> that you are in reference
> to
> sorry to put this out on the sig but i thought the
> air needed to be cleared
> asap
>
>
>
> ----- Original Message -----
> From: "Lee Dahlen" <kd4tqz@yahoo.com>
> To: "TAPR APRS Special Interest Group"
> <aprssig@lists.tapr.org>
> Cc: <n4wyk@infoave.net>
> Sent: Monday, September 04, 2000 7:12 PM
> Subject: [aprssig] Help Me remember

>
>
> > Bdevine@charter.net????? Just sent him 2 emails
> at
> > his address on QRZ (which is different).
> Ironically
> > he is the moderator of the new TH-D7 sig on
> egroups.
> > No answers on emails yet, but Charter is a local
> ISP
> > here in the carolinas and Byron lives out west!!!!
> > Did I also mention a certain familiarity with
> > punctuation and capitalizations???? Can it be
> true
> > after the rain report???   BYRON DEVINE KB9LNC
> COME
> > FORWARD and tell me you are you before I persue
> this
> > matter for you!!.
> >
> > Lee/KD4TQZ
> >
> > ____
> > Do You Yahoo!?
> > Yahoo! Mail - Free email you can access from
> anywhere!
> > http://mail.yahoo.com/
> >
> > ---
> > You are currently subscribed to aprssig as:
> bdevine@charter.net
> > To unsubscribe send a blank email to
> leave-aprssig-19694N@lists.tapr.org
> > Questions regarding the SIG go to the SIG
> administrator: wa1lou@tapr.org
> >
>
>
>
>

____
Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
http://mail.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] Re: thd7g reflector

From: Charles Allison <sallison@megsinet.net>
Date: Tue, 05 Sep 2000 07:38:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107696-2000.09.05-07.43.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oh great - another HT group to dilute the messages on here. Why do we
need another group for the D7?

Skip
K9SA

----- Original Message -----
From: "bdevine" <bdevine@charter.net>
Date: Sunday, September 3, 2000 9:40 am
Subject: [htaprs] thd7g reflector

> Just started a new list at egroups
>
> it is called thd7g@egroups.com
>
> open talk about the ht software issues any any thing of genral
> interest.
>
> ---

> You are currently subscribed to htaprs as: sallison@megsinet.net
> To unsubscribe send a blank email to leave-htaprs-
> 18991F@lists.tapr.orgQuestions regarding the SIG go to the SIG
> administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] ADMIN: Monthly Announcement

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Tue, 5 Sep 2000 13:00:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107743-2000.09.05-13.09.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in
discussing the new, hot technologies related to APRS (for example, the
APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards
another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects
that are only tangentially related to hot technologies related to APRS (like
"what kind of car should I buy for my new Kenwood transceiver?") may be
considered off-topic. If you start a message with "this is off-topic..."
then you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been
optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you
are referencing. (The HTAPRS SIG software has been optioned to limit the
length of a quote.)

. Do not send messages in HTML format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been
optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any
list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at
the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please
email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] E-Trex Data & Power for D7(G)

From: "Robert Syms" <KO6ZL@MAHA-COMM.COM>
Date: Tue, 5 Sep 2000 11:55:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107747-2000.09.05-13.59.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to find a power and data cable for the Etrex Garmin GPS. I called to Garmin's 800# and they do not make a Data & Power cable yet. I need to have one wire with all four conductors active for a permanent installation. Do any of you know of any after market connectors for the new line of Garmin products?

Cable looks like this but should have all four wires...

Phone: 1-800-376-9992 x 104
E-Mail: ROB@MAHAENERGY.COM
Web: WWW.MAHAENERGY.COM

Robert Syms KO6ZL
Technical Representative
Maha Communications, Inc.

22. [htaprs] RE: E-Trex Data & Power for D7(G)

From: Joe.Cram@ejgallo.com
Date: Tue, 5 Sep 2000 13:01:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107760-2000.09.05-15.12.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin does produce a data/power cable for the eTrex/eMap line with a cigarette-lighter plug on the end. I bought mine at HRO in Sunnyvale about 2 weeks ago. For permanent install you can just cut off the lighter adapter end. Make sure your wallet was prepared as it cost me $52.

-Joe

-----Original Message-----
From: Robert Syms [mailto:KO6ZL@MAHA-COMM.COM]
Sent: Tuesday, September 05, 2000 11:55 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] E-Trex Data & Power for D7(G)

I am trying to find a power and data cable for the Etrex Garmin GPS. I called to Garmin's 800# and they do not make a Data & Power cable yet. I need to have one wire with all four conductors active for a permanent installation. Do any of you know of any after market connectors for the new line of Garmin products?

Cable looks like this but should have all four wires...

Phone: 1-800-376-9992 x 104
E-Mail: ROB@MAHAENERGY.COM <mailto:ROB@MAHAENERGY.COM>
Web: WWW.MAHAENERGY.COM <http://www.MAHAENERGY.COM>

Robert Syms KO6ZL
Technical Representative
Maha Communications, Inc.
[Attachment: ATT51365.gif; image/gif; 3,338 bytes]

23. [htaprs] Re: E-Trex Data & Power for D7(G)

From: "Mike Edwards" <medwards@atlantic.net>
Date: Tue, 5 Sep 2000 17:43:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107773-2000.09.05-16.51.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.pfranc.com/projects/g45contr/emap/index.htm

Received mine in the mail this week.

Mike, KE4YGT

----- Original Message -----
From: Robert Syms
To: TAPR Hot Technology APRS
Sent: Tuesday, September 05, 2000 2:55 PM
Subject: [htaprs] E-Trex Data & Power for D7(G)

I am trying to find a power and data cable for the Etrex Garmin GPS. I called to Garmin's 800# and they do not make a Data & Power cable yet. I need to have one wire with all four conductors active for a permanent installation. Do any of you know of any after market connectors for the new line of Garmin products?

24. [htaprs] Magnet mount mobile antenna 2 meters for APRS?

From: Tim Grooms <k5tlg@gocomputers.net>
Date: Tue, 05 Sep 2000 03:07:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107880-2000.09.06-03.11.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I am a new ham just getting into the hobby. Having a ball playing with my new Kenwood TH-D7A(G) HT and APRS. Would like to get some recommendations for a magnetic mount mobile antenna for doing APRS with the HT. Have purchased
a 30 watt amp to play around with. Any suggestions?

Thx in advance
Tim K5TLG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Re: Magnet mount mobile antenna 2 meters for APRS?

From: "Stephen M. King" <frastephen@home.com>
Date: Wed, 6 Sep 2000 14:39:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107955-2000.09.06-13.47.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Tim, et. al.!

Good luck with the TH-D7A -- I hope you are having as much fun as I am!

As you have discovered, I am sure, the standard rubber duck is terrible on 2m (seems to work better on 70cm). I was using an old MFJ dual-band mag mount antenna and found it to be a bit spotty. I recently got a Larsen NMO 2/70B with the mag mount and am very pleased! The whip is one solid piece with a coil wound in it (as opposed to having a trap with lots of set screws to hold it in place and in tune). The mag mount has a run of RG58 with an ingenius connector that allows you to put either an SMA or a BNC connector on it without the need for an adapter. I was always afraid of snapping off the SMA connector on the D7 with a BNC/SMA adapter connected to coax -- the Larsen is much more lightweight and mechanically stable.

Again, I am very pleased with it. It works well on 2m APRS and on the local 70cm repeaters.

Peace and 73,
Stephen
KD3OG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Re: email syntax

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 6 Sep 2000 15:06:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107965-2000.09.06-15.13.51--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

>Hello, I have searched through the manuals and the SIG archives, but
>haven't been able to figure out the correct syntax for sending email via
>the th-d7a(g).

it might have been hard to find on the archives because the
archived subject was cryptic.**

Re: email from D7A   on 23 Feb 2000

and

Sending EMAIL from D7 on 6 May 1999

also

there are over 13 messages from Thu, 2 Sep 1999 to Wed, 8 Sep 1999

with a subject of [htaprs] SENDING EMAIL FROM TH-D7

PLUS this is without even searching the APRS SIG that is the Mother
APRS sig.

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Fold the HT list?

From: Ralph Milnes <milnes@openix.com>
Date: Wed, 06 Sep 2000 17:21:58 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-107971-2000.09.06-16.30.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Stan,

Boy, I don't envy your list management job, but thanks for doing it. I
appreciate it very much.

In case you missed it, I made a suggestion to roll the HT list back into
the main APRS list.
Reason: most of the current HT discussion is about the D7 and D700 and
CE/Palm, which are now becoming mainstream, i.e. no longer "HOT".

If you think back to when you formed the HT list many months ago, I think
you did it because there were complaints about "Hot Technology" threads
taking up too much bandwidth on the main list -- exactly the same type of
stuff that was occuring with the PRIVACY thread of two weeks ago. For HT
you formed a new list; for PRIVACY (and other protocol issues) you didn't.

It just seems we should be consistent. No?

Do you see any reason to continue the HT list?

And if you say "continue it", I would ask "How does one decide when
something is no longer hot and belongs on the other list"? I already see a
lot of cross posting because of that -- another big complaint.

So I vote to fold the HT list back into the main list.

73 and thanks again,

Ralph, KC2RLM
Chatham NJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Re: Fold the HT list?

From: Ralph Milnes <milnes@openix.com>
Date: Wed, 06 Sep 2000 20:46:25 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Bob Bruninga <bruninga@nadn.navy.mil>
Message-ID: <LYR845-107993-2000.09.06-20.14.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob wrote:

>THe HT list is for everyone who bought a D7 or D700. HOT was just a
>rename to expand the original HT to cover the D700. It covers no other
>"hot" technology.

But other technologies are discussed, e.g. palm/CE devices. Also, by
definition, "the purpose of the HTAPRS SIG is to provide a forum for folks
interested in discussing the new, hot technologies related to APRS (for
example, the APRS-ready radios from Kenwood.)"

... but not limited to Kenwoods.

>It should remain separate for those that want to share ideas about the D7
>and D700 but that do not want to subscribe to the QRM on APRSSIG.

One side of me agrees with this - a lot. (I voted to move the QRM to its
own list.)

The other says this is inconsistent with "the vote" to have one list. One
problem is that cross-posting is necessary, e.g. APRS on satellites. Also
this second list might be overlooked by an APRS beginner who's looking for
info on these rigs.

And when do we take the D7 and D700 off the HT list and put it back on the
main list?

Just some other perspectives.

73,

Ralph

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] keep the list

From: "Stuart" <polrbear@gci.net>
Date: Wed, 6 Sep 2000 22:01:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108049-2000.09.07-01.16.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you remove the list now that Kenwood radios are no longer "hot" then you
will Just have to start it again when new tech comes out.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] Re: E-Trex Data & Power for D7(G)

From: "Dr. Werner Furlan"<furlan@gmx.net>
Date: Thu, 7 Sep 2000 07:55:12 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108051-2000.09.07-01.50.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello Robert,

at home again, here is the adress for good and cheap garmin
plugs.

http://pfranc.com

73! Werner OE9FWV

on 5 Sep 2000, at 11:55, Robert Syms wrote about "[htaprs] E-Trex
Data & Power for D7(G)":

> Do any of you know of any after market connectors for the
> new line of Garmin products?
>
> Cable looks like this but should have all four wires...
>

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] RE: keep the list

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 7 Sep 2000 07:41:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108066-2000.09.07-06.48.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Stuart
> Sent: Thursday, September 07, 2000 2:02 AM
>
> If you remove the list now that Kenwood radios are no longer
> "hot" then you will Just have to start it again when new
> tech comes out.

 The point is that many people are still just acquiring the D7/D700 and
we no have the Alinco DR-135 as well. This is the logical place for
inquiry about these radios.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] RE: keep the list

From: Marc D Smith <mdsmith@tir.com>
Date: Thu, 07 Sep 2000 08:20:18 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108072-2000.09.07-07.33.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok, this is me. I just recently bought a D700 and have had a D7 for
several months. I just joined this list about a week ago. I joined the
list hoping to hear some info about my radios. I've been running APRS with
the D7 since I got it. It was actually my very first radio....I just got
my license back in June.

Anyway, I say keep the list. As new radio's come out with built in APRS,
they will need a forum to talk about them and when people buy theses
radio's with these cool features they don't know how to use, they will have
to go somewhere to ask.

One more question, which list is considered the "main list".

Just my 2 cents.

Marc Smith - KC8ORT

At 07:41 AM 9/7/00 -0400, you wrote:

> The point is that many people are still just acquiring the D7/D700 and
>we no have the Alinco DR-135 as well. This is the logical place for
>inquiry about these radios.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] GPS cable for a D7 and D700

From: Marc D Smith <mdsmith@tir.com>
Date: Thu, 07 Sep 2000 10:16:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108085-2000.09.07-09.28.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone, in my last post I had mentioned that I just picked up a
D700 and have been using a D7 for several months. Well I have a couple
questions.

1. The GPS cable that comes with the radios (both of em) seems kind of
weak. With my limited electronics experience I decided to have my friend
wire the cable from my GPS to the wire for the radio. He complained for
quite a while about how hard the wire is to work with. (Let's just say he
said words I would *never* say on the air.) The wires that came with the
radios were too fine. He kept breaking them or cutting through it trying
to strip them. He suggested I go to Radio Shack and pick up a wire with
the same plug on the end and use that. Some thing that is a lower
gauge. For one it would be stronger and two, easier to work with. Has
anyone experienced these same difficulties?

2. Does anyone know a supplier that has ready-made cable to hook up a
Garmin GPS III Plus and a D7 or D700?

Thanks for your help.

73's

Marc Smith - KC8ORT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] GPS cable for D700 / external keyboard / laptop

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Thu, 7 Sep 2000 12:11:14 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108106-2000.09.07-11.18.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GPS cable. I was unable to get solder to stick to the wire
that was supplied by kenwood with the radio. I made my own connection
cable with a radshack jack.

I recently inherited a 486 laptop, and was unable to get any
data in or out of the d700 when in APRS mode. It would work ok
in TNC mode though. I was hoping to be able to monitor the data
going to/from the aprs-tnc, like what you can do with the pmon
screen. I guess I could run an APRS program on the laptop, but
that would disconnect my GPS, which is wired to the D700.

Anybody got a workaround?

73
Ed N3SDO
MFG Engineering Technician.
Bldg 4. (724) 742-6575

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] RE: keep the list

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 7 Sep 2000 12:26:44 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-108110-2000.09.07-11.34.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 7 Sep 2000, Brian B. Riley wrote:

> > If you remove the list now that Kenwood radios are no longer
> > "hot" then you will Just have to start it again when new
> > tech comes out.
>
> The point is that many people are still just acquiring the D7/D700 and
> we now have the Alinco DR-135 as well. This is the logical place for
> inquiry about these radios.

Actually, I think it is time to bite the bullet and rename the HTAPRS list to APRSRADIOS. That was always the intention of the list, so that users could share notes on the D7,D700 and now the Alinco without having to subscribe to APRSSIG.

Other "hot" technolgy new items for APRS should be introduced on the APRSSIG where everything diserves to see the light of day... If it is unique to handheld or mobile/portable, then it would seem appropriate for the APRSRADIOS list.

Stan?

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: TH-D7--The model numbers of your Larsen mount and antenna

From: "Stephen M. King" <frastephen@home.com>
Date: Thu, 7 Sep 2000 15:18:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108123-2000.09.07-14.26.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From: "Dave Flack" <davef@netdotdesign.com>

> Steven,
>
> Would you be so kind as to provide the model numbers of the the
> Larson NMO mount with the SMA connector and the antenna used with
> it to the group?

Sure!

Antenna Larsen NMO-2/70B
Mag Mount Larsen NMO-MM-FME
Connector Larsen FSM

Its working well for me here.

Peace and 73,
Stephen
KD3OG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: GPS cable for D700 / external keyboard / laptop

From: "Mike Edwards" <medwards@atlantic.net>
Date: Thu, 7 Sep 2000 16:15:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108125-2000.09.07-15.22.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I noticed the same thing. I was able to strip the insulation, but the wire
has some kind of plastic/glass fibers run with it, presumably for strength
(i've seen it in other types of "stereo headphone" cords) .. Finally I got
enough solder on the wire to connect it to the molex pins of my Pfranc.com
ePlug. Having tinned the wire side of the pins helped somewhat.

Mike KE4YGT

From: Bathgate, Ed <Ed.Bathgate@marconi.com>

> GPS cable. I was unable to get solder to stick to the wire
> that was supplied by kenwood with the radio. I made my own connection
> cable with a radshack jack.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] RE: keep the list

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 7 Sep 2000 18:28:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108131-2000.09.07-17.35.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will second that motion. It really makes more sense ... then there
will be little question about which SIG to go for help or new info.

> -----Original Message-----
> From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
> Sent: Thursday, September 07, 2000 12:27 PM

  [snip]

> Actually, I think it is time to bite the bullet and rename the
> HTAPRS list to APRSRADIOS. That was always the intention
> of the list, so that users could share notes on the D7/D700
> the D7,D700 and now the Alinco without having to subscribe
> to APRSSIG.

> Other "hot" technolgy new items for APRS should be introduced on the
> APRSSIG where everything deserves to see the light of day... If it is
> unique to handheld or mobile/portable, then it would seem
> appropriate for the APRSRADIOS list.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Re: GPS cable for D700 / external keyboard / laptop

From: Carl Littlejohns <carl_mail@dr.com>
Date: Fri, 08 Sep 2000 19:14:36 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-108258-2000.09.08-13.17.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

and hot melt glue to hold it all totally still is handy too.

Carl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] re: GPS cable for a D7 and D700

From: Ralph Milnes <milnes@openix.com>
Date: Fri, 08 Sep 2000 14:12:35 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108269-2000.09.08-16.09.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Marc asked if there are other sources for more substantial
"add-your-own-end" GPS/PC cables that could be used in lieu of the thin
Kenwood-supplied cable.

Ed, KG4ALG, posted the following sometime ago. They Mouser cables worked
for me. I got the GPS four pin socket from Blue Hills (I believe someone
already posted their URL). Even so, I found rolling-your-own GPS cable very
difficult. The socket is hard to work with. You might want to conside a
pre-built from Blue Hills or others.

Ralph, KC2RLM

"If you're willing to be a little more patient, raw plugs and molded
cable/plug assemblies are available from Mouser Electronics for $2-3. Here
is a list of options (courtesy of N0OTM Joe LaGreek):

  Black stereo plug, shielded cable $2.97
172-2304 Grey stereo plug, shielded cable $2.97
172-2010 Black stereo 90 deg plug shielded cable $3.96 (over 1000 in stock)
Plugs
172-3305 Hi-Rel Black plastic unshielded $2.51
172-3306 Hi-Rel Spring strain relief, shielded $2.80
172-3405 Black Plastic and solder terminal $1.24
172-3406 Shielded handle with spring strain relief and solder terminals $1.79
172-3307 Gold contact with black metal handle, shielded $4.80

Phone 800-346-6873 or http://www.mouser.com/

Enter a part number in the search area to get a screen with pricing and
availability. That screen will let you view the part in a a .pdf of the
catalog page.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] Re: GPS cable for D700 / external keyboard / laptop

From: Byron Smith <wa6ylb@theworks.com>
Date: Fri, 08 Sep 2000 20:41:07 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-108296-2000.09.08-22.52.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"I recently inherited a 486 laptop, and was unable to get any
data in or out of the d700 when in APRS mode."

This is correct.

" It would work ok
in TNC mode though. "

Mine too.

  "I was hoping to be able to monitor the data
going to/from the aprs-tnc, like what you can do with the pmon
screen. I guess I could run an APRS program on the laptop, but
that would disconnect my GPS, which is wired to the D700."

Actually, no. The APRS programs know how to send a control E (sometimes
referred as "pico control E mode" to the D700, causing it to send the GPS
data back up the serial port to the laptop. Thus you only need a single
serial port laptop to go mobile with.

Byron Smith
wa6ylb@theworks.com - Webpage: http://www.theworks.com/~wa6ylb
wa6ylb@wa6ylb.#nca.ca.usa.noam
ICQ 26114994

If all those psychics know the winning lottery numbers, why are they all
still working?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] re: GPS cable for a D7 and D700

From: Norman Huber <n9zks@earthlink.net>
Date: Fri, 08 Sep 2000 23:06:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-108301-2000.09.08-23.13.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph Milnes wrote:

>
> Ed, KG4ALG, posted the following sometime ago. They Mouser cables worked
> for me. I got the GPS four pin socket from Blue Hills (I believe someone
> already posted their URL). Even so, I found rolling-your-own GPS cable very
> difficult. The socket is hard to work with. You might want to conside a
> pre-built from Blue Hills or others.

I found the best cable to use for the Garmen plugs is computer cable
such as printer cable etc. use four of the x wires. The outer insulation
is large enough to be held in the plug when reassembled. I striped the
outer shield back a couple of inches, trimmed off all but four wires and
fed them through the backing piece. soldered the tips on, slipped them
into the "plug and put it together. Trying to get four individual wires
into the plug didn't work as you found. (I wanted power and signal.)
I attached the appropriate wires to the power source wires and radio
input external to the plugs and it has worked quite well. A little
shrink tube and I was in good shape.

--
Norm - N9ZKS
Motorcyclist, Bicyclist, Ham, Scouter
'82 GoldWing Interstate
GWRRA Region M Chapter Z
http://www.findu.com/cgi-bin/find.cgi?N9ZKS-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: GPS cable for D700 / external keyboard / laptop

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 9 Sep 2000 08:41:06 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-108346-2000.09.09-07.48.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> "I recently inherited a 486 laptop, and was unable to get any
> data in or out of the d700 when in APRS mode."
> " It would work ok in TNC mode though. "
>
> "I was hoping to be able to monitor the data going to/from the aprs-tnc,
> ... I guess I could run an APRS program on the laptop, but
> that would disconnect my GPS, which is wired to the D700."

Run APRSdos with the radio in PACKET mode and it will do everything,
including seeing your own GPS data.

Or connect it to monitor the GPS port instead of the serial port. It will
display all posits from other stations just like a GPS will.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] D700 serial cable pinout

From: rwf <rwf@bsrg.org>
Date: Sat, 09 Sep 2000 14:33:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108401-2000.09.09-13.42.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just found out the hard way that kenwood must want more than pins 2 3 and 5.
The manual shows pins 2-8
Anyone know EXACTLY which additional pins are needed for a minimal working
cable?
I'd be surprised if they actually use DTR and DSR as well as RTS and CTS

Thanks

Ralph

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] Re: D700 serial cable pinout

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sat, 09 Sep 2000 13:47:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-108405-2000.09.09-13.55.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

rwf wrote:
>
> Just found out the hard way that kenwood must want more than pins 2 3 and 5.
> The manual shows pins 2-8
> Anyone know EXACTLY which additional pins are needed for a minimal working
> cable?
> I'd be surprised if they actually use DTR and DSR as well as RTS and CTS
>
> Thanks
>
> Ralph
>

I have not seen your ref to pin * Ralph, but on the
three or four HT's and D700's I have connected so far,
you are correct in using 2, 3 and five.. If your unit
still does not receive data, then maybe reverse 2 and
3.. If you are using the cable from Kenwood to either
the D7 or D700, the red wire to pin two, white wire to
pin 3, and the shield goes to pin 5.. Should work but
give the GPS time to sync up.. You flavor may vary in
amount of time for the gps to sync up on the
satellites!!

73! and good luck

Robbie

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: D700 serial cable pinout

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sat, 09 Sep 2000 13:54:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-108407-2000.09.09-14.01.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

rwf wrote:
>
> Just found out the hard way that kenwood must want more than pins 2 3 and 5.
> The manual shows pins 2-8
> Anyone know EXACTLY which additional pins are needed for a minimal working
> cable?

I guess I shoulda looked closer at your statement
before I responded Ralph. Are you talking about the
serial cable pins or the GPS on both D7 and D700?? I
am so use to running trackers and forgetting some use
them for base stations, sorry..

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Re: D700 serial cable pinout

From: rwf <rwf@bsrg.org>
Date: Sat, 09 Sep 2000 17:58:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-108424-2000.09.09-17.06.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's OK Robbie.
All I meant was "electrically". what signals does the radio want to make
serial data flow?
2 3 and 5 are NOT enough.

I knew the cable was straight thru. But I was asking which pins at minimum.
Most of the time, u just need TX RX and gnd, as you said.
I only had 3 wires in the cable and it did not work, so I just jumpered RTS
to CTS and DTR to DSR on each plug.
That way I didn't have to wire up a new cable.

The radio will not output anything without the jumpers (or a 9 pin straight
thru cable)

At 01:54 PM 09/09/2000 -0500, you wrote:

>I guess I shoulda looked closer at your statement
>before I responded Ralph. Are you talking about the
>serial cable pins or the GPS on both D7 and D700?? I
>am so use to running trackers and forgetting some use
>them for base stations, sorry..
>
>Robbie

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Re: D700 serial cable pinout

From: Dale Blanchard <bolero@accessnv.com>
Date: Sat, 09 Sep 2000 16:51:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-108433-2000.09.09-18.51.59--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

rwf wrote:
>
> That's OK Robbie.
> All I meant was "electrically". what signals does the radio want to make
> serial data flow?
> 2 3 and 5 are NOT enough.
>
>The D-7a only uses 3 wires to the comp. The d-700 should work also.
I am thinking of making up a three wire for my D-700 to see if it will
work. Would simplify my truck intall.I am now using a null cable with a
null adaptor(all i have for now,all others are in use).

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] Re: D700 serial cable pinout

From: rwf <rwf@bsrg.org>
Date: Sat, 09 Sep 2000 20:32:21 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108437-2000.09.09-19.40.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was using a laplink null cable with a null adapter too.
So that's why I decided to make a real cable before heading to California
next week.

Save yourself the trouble I went through and put in the jumpers or make it
like the book says 2-8 straight through.
3 wire will not work.

At 04:51 PM 09/09/2000 -0700, you wrote:

> >
> >The D-7a only uses 3 wires to the comp. The d-700 should work also.
>I am thinking of making up a three wire for my D-700 to see if it will
>work. Would simplify my truck intall.I am now using a null cable with a
>null adaptor(all i have for now,all others are in use).

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] sending Aprs messeages with HT

From: "Dr. Werner Furlan"<furlan@gmx.net>
Date: Sun, 10 Sep 2000 21:43:00 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108559-2000.09.10-14.53.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello,

is it possible to send / receive Aprs messages with a simple
terminal program connected to the THD7 / TM700 ?
(my wish would be to connect my HP200 palmtop to the HT and
communicate with this.)
I know that the Aprs Dos software would run on the palmtop, but
it is said to be pretty slow on this small PC and uses the full
memory.

73!
Werner OE9FWV

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] What is this?

From: "Glenn R. Lovensheimer" <gloven@compuserve.com>
Date: Sun, 10 Sep 2000 14:51:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108561-2000.09.10-15.03.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received the following on my TH-D7-G and I don't understand what it is
could someone please explain it to me.

UO-14
Object
N9IDH
145.975
435.07
CM98DB
\S1802MI   Left (west pointer)
N38.03.19
W121.43.11
CSE 194 Deg S999m

Is this info directly from UO-14 or is a message to or from N9IDH?

Thanks for all the help.

73   Glenn   KF9DZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] Re: What is this?

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 10 Sep 2000 16:50:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108581-2000.09.10-16.57.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I received the following on my TH-D7-G and I don't understand what it is
>could someone please explain it to me.
>

it an object position just like SAG or WATER but in this case a satellite
in view report.

see Bob's main satellite web page

Try the main ASTARS page http://web.usna.navy.mil/~bruninga/astars.html

if interested in satellite APRS see and join the:

TAPR APRS Satellite Special Interest Group" <aprssat@lists.tapr.org>

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] Re: What is this?

From: RASNM@aol.com
Date: Sun, 10 Sep 2000 18:42:05 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108593-2000.09.10-17.50.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 9/10/00 3:52:52 PM Mountain Daylight Time,
kc5ejk@onramp.net writes:

<< if interested in satellite APRS see and join the:

 TAPR APRS Satellite Special Interest Group" <aprssat@lists.tapr.org>
  >>

How do I joint aprs satellite list?

Ron
KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] DGPS Reference Station

From: "Ray J. Vaughan" <ray@rayvaughan.com>
Date: Sun, 10 Sep 2000 22:06:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108632-2000.09.10-21.14.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought something this weekend at a ham fest and now I need to figure out what it does.

It's a "Magnavox MX4818 Differential GPS Reference Station".   p/n 707384-801 s/n 815

It's a big blue box with an N type ANTENNA connector, 2 External Freq Std BNC connectors, 5 and 10 MHz, a connector for "CDU" and another for Data I/O. Both of these are connected to a Siamese cable marked "RS422 CONV".   Inside it has cards interconnected on the front with coax. One care has what looks like a crystal oven, another with e-proms, and then 6 cards that look the same.   Then 3 empty slots. The case is in mint condition.

Now... what does this thing do? I'm going to guess it connects to a GPS and an DGPS antenna and comes up with a perfect 10 and 5 MHz signal.   But since it does say 'Station" could it actually generate a DGPS signal for transmission?

Has anyone seen one of these? Or know what it's for?

Ray J. Vaughan, MS, CBTE, CERT
KD4BBM PG-7-15266
http://www.rayvaughan.com/
ray@rayvaughan.com
ray@2-way.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] Re: DGPS Reference Station

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sun, 10 Sep 2000 21:49:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-108636-2000.09.10-21.58.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Ray J. Vaughan" wrote:
>
> I bought something this weekend at a ham fest and now I need to figure out what it does.
>
> It's a "Magnavox MX4818 Differential GPS Reference Station".   p/n 707384-801 s/n 815
>
> It's a big blue box with an N type ANTENNA connector, 2 External Freq Std BNC connectors, 5 and 10 MHz, a connector for "CDU" and another for Data I/O. Both of these are connected to a Siamese cable marked "RS422 CONV".   Inside it has cards interconnected on the front with coax. One care has what looks like a crystal oven, another with e-proms, and then 6 cards that look the same.   Then 3 empty slots.   The case is in mint condition.
>
> Now... what does this thing do? I'm going to guess it connects to a GPS and an DGPS antenna and comes up with a perfect 10 and 5 MHz signal.   But since it does say 'Station" could it actually generate a DGPS signal for transmission?
>

> Has anyone seen one of these? Or know what it's for?
>

I have found that using Google.com or your favorite
search engine comes up with the answers 99% of the
time.. Have you tried that route? Sounds like fun
toy...

Robbie

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

56. [htaprs] Re: sending Aprs messeages with HT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 10 Sep 2000 23:11:07 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108638-2000.09.10-22.18.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SUre, just type in the message like this:

   :TOCALL   :here is a message }1

ANd the message goes out.
Watch for the ACK comming back.

Of course if the channel i s busy, you will need a filter to keep
everything else off your screen. DO that by setting the BUDLIST in your
TNC to only the station you are QSOing with...

then any dumb terminal program will work...

bob
 On Sun, 10 Sep 2000, Dr. Werner Furlan wrote:
>
> is it possible to send / receive Aprs messages with a simple
> terminal program connected to the THD7 / TM700 ?
> I know that the Aprs Dos software would run on the palmtop, but
> it is said to be pretty slow on this small PC and uses the full
> memory.
> 73!
> Werner OE9FWV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] Re: sending Aprs messeages with HT

From: "Bill Kearns" <billk@inland.net>
Date: Sun, 10 Sep 2000 21:51:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108668-2000.09.11-00.02.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

bob wrote:

> SUre, just type in the message like this:
>
>   :TOCALL   :here is a message }1
>

just one thing to keep in mind..... the *second* colon...always falls in
space number 11
i had a time getting this to work every time untill i figured this out...
copy the sample message below... and paste it into *notepad*... (so you have
the fixed width
font and every thing lines up properly...)   then print it out and

tape it somewhere on your laptop for future reference....

:TOCALL   :here is a message }1
1234567890123456789012345678901234567890

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] Re: sending Aprs messeages with HT

From: Carl Littlejohns <carl_mail@dr.com>
Date: Mon, 11 Sep 2000 07:49:09 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-108685-2000.09.11-01.52.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have probably forgotten the format, but aprs messages can be sent
and acked from a terminal program. Its something like

go into connected mode with something like RELAY,WIDE
in UNproto

Then type

callsign::message{0

to send a message to CALLSIGN

when callsign sends you one back, send callsign::{n where n is
the digit at the end of the message to stop him sending it again

Did this with a tnc and a psion for a while. The THD7 is easier.

:)
Carl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

59. [htaprs] Re: DGPS Reference Station

From: "bob" <w2g3zfj@unix.asb.com>
Date: Mon, 11 Sep 2000 09:07:52 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108699-2000.09.11-08.15.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ray

Have a look at

http://www.leica-geosystems.com/about/research/index.htm

"1987 - Introduced the MX4818, the first six channel differential GPS
reference station and navigator "

73 de bob

>It's a "Magnavox MX4818 Differential GPS Reference Station".   p/n
707384-801 s/n 815
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

60. [htaprs] Re: E-Trex Data & Power for D7(G)

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 11 Sep 2000 15:14:14 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108723-2000.09.11-10.20.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>>>>at home again, here is the adress for good and cheap garmin plugs.

>>>>>http://pfranc.com

This outlet sells the old Garmin four prong round plug. eMap and eTrex take the new plug, which resembles the four contact interface on the bottom of most Cell Phones.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] Re: E-Trex Data & Power for D7(G)

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Mon, 11 Sep 2000 19:04:15 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108751-2000.09.11-12.17.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 11 Sep 2000, at 15:14, Wayne H. Sanderson wrote:

> >>>>>at home again, here is the adress for good and cheap garmin plugs.
>
> >>>>>http://pfranc.com
>
> This outlet sells the old Garmin four prong round plug. eMap and eTrex
> take the new plug, which resembles the four contact interface on the
> bottom of most Cell Phones.

Thats right, but recently
they have also made a new mole for the new ones. (emap, etrax)

Werner

Thougth for the day:
 He who laughs last thinks slowest.
                                  --Nathalie B.

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

62. [htaprs] DCC Update

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Mon, 11 Sep 2000 20:01:11 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108817-2000.09.11-19.10.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

19th Annual ARRL/TAPR Digital Communications Conference
Orlando, FL September 22-24, 2000

** Update 9/11/2000 **

A little more that one week away, the 19th Annual ARRL/TAPR Digital
Communications Conference is about to begin. For detailed information about
the conference, please visit the official DCC web page at
http:www.tapr.org/dcc.

Registration for the conference will be taken at the door. Friday
registration is for an entire afternoon APRS activities, demonstrations, and
presentations. Saturday registration includes conference proceedings,
lunch, and a full day of presentations. Saturday night includes Banquet,
dinner speaker, and prize drawing. Sunday registration is for the PICmicro
Design seminar.

Banquet Prize Drawings:
Grand Prize Kenwood TM-D700A (donated by Kenwood)
2nd Grand Prize Palm VII Personal Digital Assistant
Two Motorola Oncore M12 GPS Evaluation Kits (donated by Synergy Systems, LLC)

Map and coordinates:
A map of the conference hotel and coordinates are available at ftp://ftp.tapr.org/dcc/dcc.hotel.map.pdf

Speakers:
The following is a list of presenters. Preliminary schedule is available from ftp://ftp.tapr.org/dcc/2000.dcc.schedule.pdf

APRS Seminar - Friday September 22, 2000

John Ackerman, N9UR	APRS WG
Steve Bible, N7HPR	T-238 Weather Station
John Blowsky, KB2SCS	APRS LOOKUP
Steve Bragg, KA9MVA	HamHud
Bob Bruninga, WB4APR	APRSdos, satellite, etc.
Steve Dimse, K4HG	Internet APRS
Walter Dunckel, KD6VYV	Serial Control of D7/D700
John Hansen, W2FS	KISS TNC, D700 Keyboard
Dale Huguley, KG5QD	Weather Server
Larry Gahagan, AB0JM	Wildfire Support
Byon Garranrant, N6BG	TinyTrack
Mike Musick, N0QBF	PalmAPRS/Tracker construction
Robert Osband, N4SCY	Public Service with APRS
Tom Schaefer, NY4I	APRS Email Gateway
Darryl Smith, VK2TDS	APRS in the 2000 Olympics
The Sprouls, WU2Z/KB2ICI	Mac/Win/XAPRS
Rob Wittner, KZ5RW	APRS-CE

Main Session, Paper Presentation - Saturday 23, 2000
Titles and abstracts are available at http://www.tapr.org/tapr/html/Fcnc19.html

EasyTrak, A PIC Based Rotor/Radio Controller Interface
By Steve Bible N7HPR

APRS Tiny Web Pages
By Bob Bruninga WB4APR

Channel Capacity Simulation of Peer-to-Peer Spread Spectrum Satellite Transponders
By Matthew Ettus N2MJI

Correlation for Direct Sequence Spread Spectrum
By Panagiotis Gavalas

PIC-et Radio II: How to Receive AX.25 UI Frames Using Inexpensive PIC Microcontrollers
By John A. Hansen W2FS

Winlink 2000 ...A Global Ham Message Transfer and Deliver Network
By Hans Kessler N8PGR, Vic Poor W5SMM, Rick Muething KN6KZB, and Steve Waterman K4CJX

Frequency Offset Acquisition and Tracking Algorithms, Part 1 and Part 2
By Mohamed K. Nezami

External Common Gateway Interface (CGI) Access to FindU
By Thomas M. Schaefer NY4I

Server Applications within APRS Internet Server Environment
By Thomas M. Schaefer NY4I

APRS and the TAPR EasyTrak Az/El Rotor Control System
By Keith Sproul WU2Z

APRS and Kenwood TM-D700 Voice Messaging
By Keith Sproul WU2Z and Mark Sproul KB2ICI

Internet Wide Callsign Database using LDAP
By Mark Sproul KB2ICI

Automatic Voice Relay System

By Bob Bruninga WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

63. [htaprs] Re: sending Aprs messeages with HT(now i remember...)

From: "Bill Kearns" <billk@inland.net>
Date: Mon, 11 Sep 2000 21:23:42 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108856-2000.09.11-23.34.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

now i remember.....(thanks to carl littlejohns last post...)

probably best to start with a reset on the tnc... (restore d) for
kantronics...
then int terminal... as the kantronics default to 'newuser' mode...

then:

1. change the unproto to relay.wide
2. put the tnc into converse mode

follow the instructions below:

> just one thing to keep in mind..... the *second* colon...always falls in
> space number 11
> i had a time getting this to work every time untill i figured this out...
> copy the sample message below... and paste it into *notepad*... (so you
have
> the fixed width font and every thing lines up properly...)   then print it
out and
> tape it somewhere on your laptop for future reference....
>
>
> :TOCALL   :here is a message }1
> 1234567890123456789012345678901234567890
>
>
> ---
> You are currently subscribed to htaprs as: BILLK@INLAND.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] Bad audio

From: Garren Davis <garren.davis@qlogic.com>
Date: Tue, 12 Sep 2000 13:12:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108973-2000.09.12-15.25.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I just had my THD7 upgraded to a G version. Now when I
transmit voice, the person receiving my transmission says
my audio is very bad. He says it sounds like I am off
frequency by a few kilohertz. I have changed the frequency
up and down a few kilohertz but that was not the problem.
Has anyone else had this problem? Is it just a wrong setting
or do I have to send it in again?

Thanks

Garren
KB6FAS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

65. [htaprs] Re: sending Aprs messeages with HT

From: "Dr. Werner Furlan"<furlan@gmx.net>
Date: Tue, 12 Sep 2000 23:29:56 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-108976-2000.09.12-16.40.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello Bob,

thank you for the answer on my question.

on 10 Sep 2000, at 19:30, Bob Bruninga wrote about
"Re: [htaprs] sending Aprs messeages with HT":

>
> SUre, just type in the message like this:
>
>   :TOCALL   :here is a message }1
>
> ANd the message goes out.
> Watch for the ACK comming back.
>
> Of course if the channel i s busy, you will need a filter to keep
> everything else off your screen. DO that by setting the BUDLIST in your
> TNC to only the station you are QSOing with...
>
I tried what you and others from the list told me but all I can get
out of my TM700 is a questionmark after pressing enter.
hmmm...
I must be doing something wrong.

I have another problem with my TM700, which is quite annoying:
My Aprs Data Band is A and I have the rig set up as a digipeater.
When I have a QSO on Band B, it happens that there is a Packet
received that the TM700 would digipeat.
Then the TM700 takes away the transmitter from me and
digipeats the packet, but then I do not get the transmitter back to
the microphone, so it happens that I press the PTT, and talk, but
nothing is sent out, and also the receiver is locked.
Do you know, how I can overcome this behaviour?

73!
Werner OE9FWV

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

66. [htaprs] Status messages/d7a(G)

From: deunju@juno.com
Date: Tue, 12 Sep 2000 17:00:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108992-2000.09.12-20.36.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I cannot find in the manual where it says how to program the 6
programable status messages. I found where it mentions them but nothing
on programing.
Dale Urban N0KQX
Garden City Ks.

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] Re: Status messages/d7a(G)

From: "Mike Edwards" <medwards@atlantic.net>
Date: Tue, 12 Sep 2000 21:41:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-108997-2000.09.12-20.48.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

6 programmable status messages? Are you thinking of the CUSTOM 0 - CUSTOM 6
Mic-encoder style comments? Those aren't "programmable" in the sense you can
program text into them.. The only programmable status text is in Menu 2-9,
and there are three slots...

Mike, KE4YGT

From: <deunju@juno.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

> I cannot find in the manual where it says how to program the 6
> programable status messages. I found where it mentions them but nothing
> on programing.
> Dale Urban N0KQX
> Garden City Ks.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] New! TH-D7AG MCP Software Available Now! ver. 1.00

From: Kenwood Customer Care <cuyeda@ix.netcom.com>
Date: Wed, 13 Sep 2000 11:24:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109128-2000.09.13-13.28.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To All Kenwood TH-D7AG owners:

Kenwood is pleased to announce the availability of the latest version of
the TH-D7AG Memory Control Program (MCP) software. You can download this
Free of charge from our FTP site. This is not a beta version, but a final
release version 1.00.

Note: This version only works with the TH-D7A(G) or (G) upgraded version
radios. Kenwood reserves the right to make this software available in the
future for retail purchase. Please report any software bugs to Kenwood
Amateur Customer Service.

To download the software for the TH-D7AG go to Kenwood's FTP site:
ftp://ftp.kenwood.net/SOFTWARE/ If you have trouble with this URL go to:
www.kenwood.net and click on the download section.

73 Kenwood

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] Re: New! TH-D7AG MCP Software Available Now! ver. 1.00

From: "Mike Edwards" <medwards@atlantic.net>
Date: Wed, 13 Sep 2000 15:16:55 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109133-2000.09.13-14.23.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Setup.exe? Why do they have to screw around with this windows installer BS?

Just give me the dang .EXE and be done with it.

Until then, i'll keep using Beta 0.1.....

Mike, KE4YGT, Veteran of too many failed install/de-installs

----- Original Message -----
From: Kenwood Customer Care <cuyeda@ix.netcom.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Wednesday, September 13, 2000 2:24 PM
Subject: [htaprs] New! TH-D7AG MCP Software Available Now! ver. 1.00

> To All Kenwood TH-D7AG owners:
>
> Kenwood is pleased to announce the availability of the latest version of
> the TH-D7AG Memory Control Program (MCP) software. You can download this
> Free of charge from our FTP site. This is not a beta version, but a final
> release version 1.00.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] Re: New! TH-D7AG MCP Software Available Now! ver. 1.00

From: Don Nelsch <dnelsch@neo.rr.com>
Date: Wed, 13 Sep 2000 15:44:24 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109141-2000.09.13-14.52.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some people complain about anything and everything! Hey man, it's FREE!
If you don't like it, don't use it and don't complain. Some of us DO appreciate

the efforts of others. My thanks to Kenwood for their efforts.

Don, K8EIW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

71. [htaprs] Re: New! TH-D7AG MCP Software Available Now! ver. 1.00

From: "Mike Edwards" <medwards@atlantic.net>
Date: Wed, 13 Sep 2000 16:05:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109145-2000.09.13-15.13.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yeah right.. Obviously you don't read many of my posts on this SIG.

And while i'm "complaining about everything and anything" as you say, Let me
thank Bob B and the Sprouls for not using an installer and having faith in
our intelligence to install stuff without help.

Mike, KE4YGT

----- Original Message -----
From: Don Nelsch <dnelsch@neo.rr.com>

> Some people complain about anything and everything! Hey man, it's FREE!
If you
> don't like it, don't use it and don't complain. Some of us DO appreciate
the
> efforts of others. My thanks to Kenwood for their efforts.
>
> Mike Edwards wrote:
>
> > Setup.exe? Why do they have to screw around with this windows installer
BS?
> >

> > Just give me the dang .EXE and be done with it.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

72. [htaprs] RE: New! TH-D7AG MCP Software Available Now! ver. 1.00

From: "Phil Greenland" <pgreen@axom.com>
Date: Wed, 13 Sep 2000 23:36:35 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109193-2000.09.13-22.42.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am unable to find the new TH-D7A(G) on the Kenwood download site.
Could someone email the file to me direct?
Thanks
  E-mail: pgreen@axom.com
  Amateur Call: KB8QHM
  Web Page: http://www.axom.com/greenland/index.htm
  ICQ Number: 1499191

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] Re: ["Dr. Werner Furlan"] Re: sending Aprs messeages with HT

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 14 Sep 2000 08:43:00 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-109242-2000.09.14-08.53.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I tried what you and others from the list told me but all I can get
>out of my TM700 is a questionmark after pressing enter.
>hmmm...
>I must be doing something wrong.

Sounds like the TNC is still in command mode. Put it in converse mode with
the "CONV" or simply "K" command. Then, anything typed followed by a <CR>
will be transmitted as an "INFO" packet by the TNC with the appropriate from
CALL and PATH based on what you have set MYCALL and UNPROTO to.

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] Re: ["Dr. Werner Furlan"] Re: sending Aprs messeages with HT

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Thu, 14 Sep 2000 15:44:22 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-109243-2000.09.14-08.58.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi Gregg and Bob,

yes you are right. I found it out yesterday myself and now all works
like it should.

73!
Werner
OE9FWV

On 14 Sep 2000, at 8:43, Gregg G. Wonderly wrote:

>
> >I tried what you and others from the list told me but all I can get out
> >of my TM700 is a questionmark after pressing enter. hmmm... I must be
> >doing something wrong.
>
> Sounds like the TNC is still in command mode. Put it in converse mode
> with the "CONV" or simply "K" command. Then, anything typed followed by
> a <CR> will be transmitted as an "INFO" packet by the TNC with the
> appropriate from CALL and PATH based on what you have set MYCALL and
> UNPROTO to.
>
> -----
> gregg@c2-tech.com (C2 Technologies Inc)
>

Thought for the day:
    Communist (n): one who has given up all hope
    of becoming a Capitalist.

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

75. [htaprs] Re: New! TH-D7AG MCP Software Available Now! ver. 1.00

From: KC2EAW@aol.com
Date: Thu, 14 Sep 2000 10:26:37 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109247-2000.09.14-09.34.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has Kenwood Pulled the Software? It's not on the site as of 9/14 @ 10:24

73 de KC2EAW
Dan Speranzo

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

76. [htaprs] RE: New! TH-D7AG MCP Software Available Now! ver. 1.00

From: "Peter Loveall" <HamLists@ametx.com>
Date: Thu, 14 Sep 2000 11:11:39
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109259-2000.09.14-11.19.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It appears Kenwood has pulled the software from their FTP site. Hopefully
it is to resolve a minor glitch and we will see it again later today.

To those that don't like setup.exe: as a programmer that has written
commercially available Windows applications, setup.exe is a necessary evil.
 It handles making sure that DLLs are the proper version (everyone doesn't
upgrade their systems when new fixes come out), registering application
components, and providing an uninstall capability (required to use the
Windows logo). Bob B.'s program runs in DOS therefore not requiring system
setup (though he does include a program that creates a boot diskette so
aprsDos gets the most memory). WinAPRS is shareware which does not rely on
shared DLLs. APRS+SA has a short setup program to register components and
create directories.

The use of setup.exe does not indicate a contempt for the user's
capabilities, but rather a way to simplify installation by all users in
commercially available software.

73,

Pete Loveall AE5PL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

77. [htaprs] New! TH-D7AG MCP Software Available Now! ver. 1.00 _missing from Kenwood.net?

From: Doug Ferrell <kd4moj@kd4moj.org>
Date: Thu, 14 Sep 2000 14:25:39 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109276-2000.09.14-13.45.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:11 AM 09/14/2000, Peter Loveall wrote:
>It appears Kenwood has pulled the software from their FTP site. Hopefully
>it is to resolve a minor glitch and we will see it again later today.

  I guess that it's ok to post it... if not I'll pull it. You can grab it
by going to http://www.kd4moj.org
        Click on download files and then the THD7 link. Let me know if it works!

        My old site crashed so I just through this one up using frontpage. So it's
not exactly the best looking page! I'm workin' on it! [GRIN]

...DOUG
kd4moj

    Where am I????? ---------->>>>   http://map.findu.com/kd4moj
    http://www.tallahassee-scanner.com Scanning Tallahassee Florida
  +---+
  | Doug Ferrell   (850) 575-7119 |
  | kd4moj@kd4moj.org, http://www.kd4moj.org   Fax (850) 575-6577 |
  | Amateur Radio & Television (ATV), APRS   APRS 144.390 Mhz |
 | 3027.27N / 08420.80W Tallahassee Florida   131.8 CTCSS 444.400 Mhz |

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] D700 in a 4Runner

From: "Chris Arndt" <carndt@slonet.org>
Date: Thu, 14 Sep 2000 22:44:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109390-2000.09.15-00.51.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tonight I completed the installation of a D700, and GPS in my wife's
4Runner. There are a few things about this install about which I thought
some of you might like to know.

The Runner has a covered storage space inside the back, on the right side.
In other markets it's intended for safety reflectors. In the US, it made a
perfect place for the D700 and GPS.

The antenna for the GPS is a Mobile Mark combination AMPS cellular/active
GPS. It's a white hockey puck style disk, about 4.25" diameter by 0.75"
thick. As the Runner is white, it matches the car. The cellular part is
unity gain, but performs better than a gain style glass mount. The antenna
mounts through a 5/8" hole, and requires access to the underside of the
roof to screw on the mounting nut. There are 2 coaxes, one for each
antenna, RG 58 for the cell, RG 172 for the GPS.

For a couple of months, I tried using a Garmin GPS II+ for the GPS. While
it worked OK most of the time, it locked up in the garage about once a week
if I left it on and had to be restarted, and AFAIK, can't be set to power
up off the power jack without being manually turned on with the power
button. That pretty much negates my stealthy installation...

After considering the hassle involved with reradiating the GPS satellite signal into the garage (we have aluminum shingles) I decided to abandon the II+ in favor of an Ashtech G8 Sensor Box. The Sensor Box has a G8 module in it, plus a DC regulator, SMA antenna connector, and the RS232 level converter and DB9F serial connector. It was easier for me to just buy the Sensor Box, rather than monkey around trying to do an enclosure and the interfacing myself. The GPS is mounted to the radio "top" (actually, "side" is more accurate, as the radio tranceiver is mounted vertically) with adhesive backed 3M hook-and-loop fastener. From powerup, with current data, it locks onto the satellites in about 45 seconds.

I ran power straight from the battery, through a Charge Guard controller. The Charge Guard monitors battery voltage and has a programmable timer in it. When the battery voltage rises after the engine starts, it powers up the radio, GPS, and cell phone. After the engine is shut off, it waits for the programmable time (I have it set to 15 minutes, I think it will go up to a couple of hours), and then shuts everything down. If the battery voltage drops too low, it will shut off early. There's also an override button on the side.

The control head is on the console in front of the shifter. It's not the most optimum viewing position for the driver, but Katie doesn't really look at it much anyway. I bought the overpriced Kenwood extension kit to connect the speaker, mic, and head to the radio.

The RF antenna is a black Larsen dual band cellular look-alike with an open coil in the center. It's mounted on a Hirschman 3/4" Motorola style mount. The Hirschmans are fully shielded, and use an FME connector to connect to the coax. That mount can be installed entirely from the top of the roof.

Probably the most amazing thing is that my wife let me cut the 2 antenna holes into her new 4Runner. The second is that I managed to cut the holes without screwing up paint or the sliding action of the moonroof. :-)

If anyone is interested in seeing pix of the installation, let me know. I can put some on a webpage this weekend.

73,

Chris KD6DSI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] Re: D700 in a 4Runner

From: "Chris Arndt" <carndt@slonet.org>
Date: Thu, 14 Sep 2000 23:55:05 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109397-2000.09.15-02.03.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One more thing. I'm one of the many who received a bad 2.5mm stereo cord with their D700 for the GPS connection. At our local electronics store, I bought a Philmore No. 70-212 shielded jumper with that size connector on each end, and used one end to make the data. I'm keeping the other for a spare. The cable is heavier than the one supplied by Kenwood, and solderes easily. The retail cost was $5.12 for the jumper.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

80. [htaprs] TH-D7 Voltmeter

From: Skip Allison <cfad07@email.mot.com>
Date: Fri, 15 Sep 2000 08:28:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109428-2000.09.15-08.38.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know how to get the voltmeter to work? The manual says the LCD is supposed to indocate battery voltage in transmit. When I transmit, the meter goes up all the way no matter what the condition of the battery. I thought the meter on transmit was power out. Now I don't know what is indicating. I wish there was a digital voltmeter

like my Icom W31 has. The only way I know the battery condition is - I
know it's low when the radio starts cycling on and off and you have to
take the battery off to shut off the radio!

Skip

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

81. [htaprs] RE: New! TH-D7AG MCP Software Available Now! ver. 1.00

From: "Alan Morris, G4ENS" <alan@fast-mail.net>
Date: Fri, 15 Sep 2000 00:19:13 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109502-2000.09.15-14.25.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Original Message From: Peter Loveall <HamLists@ametx.com>

>To those that don't like setup.exe: as a programmer that has written
>commercially available Windows applications, setup.exe is a necessary evil.

>The use of setup.exe does not indicate a contempt for the user's
>capabilities, but rather a way to simplify installation by all users in
>commercially available software.

May I suggest Pete, that you have missed the point here.

This type of software is not used everyday on your PC at home. By not using
setup.exe, but having the program on a floppy, zip or CD; one can carry it
anywhere and run it on *any* PC anywhwere.

I have a number of similar programs that I use this way. Using setup.exe
that includes the most important uninstall part means that the host PC gets
it put into it's registry and any other place. Many uninstallers do not
delete everything that was installed and some even give the user the option
to delete or not, file names that the average user does not recognise.

Installing and then uninstalling is one of the weak points of windows that
hastens the need to re-install windows.

Alan, G4ENS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

82. [htaprs] TH-7E MkII Serial cable pinout & GPS cable

From: "Alan Morris, G4ENS" <alan@fast-mail.net>
Date: Fri, 15 Sep 2000 01:07:12 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109507-2000.09.15-14.41.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Original Message From: rwf <rwf@bsrg.org>
>Just found out the hard way that kenwood must want more than pins 2 3 and
5.
>The manual shows pins 2-8
>Anyone know EXACTLY which additional pins are needed for a minimal working
>cable?
>I'd be surprised if they actually use DTR and DSR as well as RTS and CTS

Well Ralph they do, if my cable for the TH-7E Mk II is the same on the D700,
or rather what ever you connect your Kenwood to, they cover themselves by
using both in their cable. The links are for use by this other equipment,
not the Kenwood.

I've just rung-out my PG-4W cable and although not at home, so I'am going
from memory, caution especially crossing over the Tx & Rx data lines 2 & 3.

D-9 Skt   2.5mm jack
1   DCD   NC

```
2    RXD    ---------------------------   TXD    Tip
3    TXD    ---------------------------    RXD    2nd
4    DTR    Skt Link to pin 6
5    GND    ---------------------------   GND    Body
6    DSR    Link from pin 4
7    RTS    Skt Link to pin 8
8    CTS    Link from pin 7
9               NC
```

So if making your own cable or juction box, you need only 3 wires in the cable and the two links to the computer / PDA at the end remote from the Kenwood rig.

The other problem reported has been with the GPS cable supplied by Kenwood. The wires inside the cable have a central support of a few strands of a plastic type of cord.

If this cord is twisted with the copper strands then it is difficult to solder. So cutout this cord before using the soldering iron.

Unlike the data cable, no ferite ring has been supplied, so you may need to supply your own. Garmin supplied me with one when they repaired my GPS-75 and I commented about interference on my 2m rig (before I got involved with APRS). The ferite ring on the GPS power/data cable was effective.

As a matter in interest, I use a junction box in my motor, so no null-modem cables or adaptors. Power and data cables for my GPS, Psion 5 and TH-7E all plug-in to this box.

Alan Morris, G4ENS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

83. [htaprs] APRSCE, TH-D7E & GPS

From: "Andy Davidson" <adavidson@xtra.co.nz>
Date: Fri, 15 Sep 2000 17:26:37
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109538-2000.09.15-17.34.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can get my TH-D7E to work fine with APRSCE on my Jornada 545, And I can also get my TH-D7e to work fine with my GPS (Lowrance Global Nav 212), however..... is it possible to get them all working simultaneosly, so the GPS updates the position beacon automatically???

The problem as I see it is the TH-D7 is in APRS mode when connected to the GPS, and in packet mode when connected to APRSCE. What it needs is some way to take the co-ordinates from the GPS when it is in packet mode, and feed it back to APRSCE?

Or does it do this somehow, and I've just missed something??

Cheers.
Andy
ZL3TPL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

84. [htaprs] RE: New! TH-D7AG MCP Software Available Now! ver. 1.00

From: AE5PL <HamLists@ametx.com>
Date: Fri, 15 Sep 2000 21:07:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109568-2000.09.15-21.16.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood has reposted the software at ftp://ftp.kenwood.net/software/thd7ag. Looks good. Lot's easier than keying everything in via the front panel.

Pete AE5PL

-----Original Message-----
From: Kenwood Customer Care [mailto:cuyeda@ix.netcom.com]
Sent: Wednesday, September 13, 2000 1:25 PM
To: HT
Subject: [htaprs] New! TH-D7AG MCP Software Available Now! ver. 1.00

To All Kenwood TH-D7AG owners:

Kenwood is pleased to announce the availability of the latest version of
the TH-D7AG Memory Control Program (MCP) software. You can download this
Free of charge from our FTP site. This is not a beta version, but a final
release version 1.00.

Note: This version only works with the TH-D7A(G) or (G) upgraded version
radios. Kenwood reserves the right to make this software available in the
future for retail purchase. Please report any software bugs to Kenwood
Amateur Customer Service.

To download the software for the TH-D7AG go to Kenwood's FTP site:
ftp://ftp.kenwood.net/SOFTWARE/ If you have trouble with this URL go to:
www.kenwood.net and click on the download section.

73 Kenwood

You are currently subscribed to htaprs as: HamLists@ametx.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

85. [htaprs] New! TH-D7A(G) Software Available ver. 1.00

From: Kenwood Communications <cuyeda@kenwoodusa.com>
Date: Fri, 15 Sep 2000 20:26:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109576-2000.09.15-22.37.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Note: This announcement is repeat. The software has been re-uploaded to
the Kenwood's FTP site. Just for clarification, there were no bugs found
at that time. If you do find any problems with the software, please report
it to Kenwood immediately.
73 Kenwood

****
To All Kenwood TH-D7AG owners:

Kenwood is pleased to announce the availability of the latest version of
the TH-D7AG Memory Control Program (MCP) software. You can download this
Free of charge from our FTP site. This is not a beta version, but a final
release version 1.00.

Note: This version only works with the TH-D7A(G) or (G) upgraded version
radios. Kenwood reserves the right to make this software available in the
future for retail purchase. Please report any software bugs to Kenwood
Amateur Customer Service.

To download the software for the TH-D7AG go to Kenwood's FTP site:
ftp://ftp.kenwood.net/SOFTWARE/ If you have trouble with this URL go
to: >www.kenwood.net and click on the download section.

73 Kenwood

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

86. [htaprs] ChargeGuard, (from 4Runner thread)

From: "Chris Arndt" <carndt@slonet.org>
Date: Sat, 16 Sep 2000 13:29:19 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109677-2000.09.16-15.37.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There was a lot of interest in the ChargeGuard I used in my wife's 4Runner.
The ChargeGuard web page is:

http://www.chargeguard.com/what_is_charge.html

It appears that the manufacturer will sell them from the site for full
retail, about $75.

(BTW, the website is not very intuitive, but the info _is_ there...)

I can get them at a discount. I just don't know if there is enough interest
to make a group purchase worth while.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

87. [htaprs] RE: ChargeGuard, (from 4Runner thread)

From: "Andrew Witham" <awitham@searcher.org>
Date: Sat, 16 Sep 2000 18:44:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109720-2000.09.16-21.05.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Radioshack.com (note the web site, not stores) currently has a 'special
clearance' on the Vector VE3 Battery Guard - a cigarette lighter plug to
socket, 10' lead, for up to 10amp draw, which switches of when the battery
voltage drops to 11.2V. Cat # 98-696, Price $4.99 - seems to work fine!

Drew
Andrew Witham W1SAR
Shasta County Emergency Coordinator
Amateur Radio Emergency Service
http://www.scares.cc
packet w1sar@kd6dg

> There was a lot of interest in the ChargeGuard I used in my
> wife's 4Runner.
> The ChargeGuard web page is:
>
> http://www.chargeguard.com/what_is_charge.html
>
> It appears that the manufacturer will sell them from the site for full
> retail, about $75.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

88. [htaprs] Re: APRSCE, TH-D7E & GPS

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 18 Sep 2000 10:15:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-109940-2000.09.18-10.24.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The problem as I see it is the TH-D7 is in APRS mode when connected to the
>GPS, and in packet mode when connected to APRSCE. What it needs is some way
>to take the co-ordinates from the GPS when it is in packet mode, and feed
>it back to APRSCE?

The commands
        GBAUD 4800
        GPSTEXT $GPRMC
will cause the indicated NMEA sentences to traverse the GPS->Radio->Serial out
path of the THD-7A. The software then needs to be able to recognize these
NMEA sentences in the TNC stream and to delineate them from normal APRS
packets.

I have implemented this in my APRS software ventures and it works fine... I
do not know if the existing APRS software packages such as APRSCE have logic
to handle this kind of data interleaving...

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

89. [htaprs] Re: APRSCE, TH-D7E & GPS

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Mon, 18 Sep 2000 11:36:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109946-2000.09.18-10.43.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To turn on the processing of GPS sentences, go to Setup -> Communications
and click/tap on the GPS tab. Make sure the "GPS Enabled" checkbox is
checked.

If the TNC will be interleaving the GPS sentences with the other TNC data,
select:
"Get GPS Data from TNC (Automatic)".

If the TNC requires a Ctrl-E ($05) to coerce it into sending the most recent
GPS sentence, select:
"Get GPS Data from TNC using CTRL-E".

If the GPS is on a separate serial port, select:
"Get GPS Data from this Serial Port:",
and fill in the appropriate parameters for the serial port.

Hope this helps...

   -Rob
    KZ5RW

> -----Original Message-----
> From: bounce-htaprs-3572@lists.tapr.org
> [mailto:bounce-htaprs-3572@lists.tapr.org]On Behalf Of Gregg G. Wonderly
>
> I have implemented this in my APRS software ventures and it works
> fine... I
> do not know if the existing APRS software packages such as APRSCE
> have logic
> to handle this kind of data interleaving...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

90. [htaprs] Final Update - DCC Orlando, FL Sep 22-24, 2000

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Mon, 18 Sep 2000 12:13:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-109973-2000.09.18-12.25.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From: Steven R. Bible [mailto:srbible@gate.net]
Sent: Monday, September 18, 2000 12:34 PM
To: picsig@lists.tapr.org; tacgps@lists.tapr.org; wxsig@lists.tapr.org;
hfsig@lists.tapr.org; dsp@lists.tapr.org; ss@lists.tapr.org
Subject: Final Update - DCC Orlando, FL Sep 22-24, 2000

19th Annual ARRL/TAPR Digital Communications Conference
Orlando, FL - September 22-24, 2000

** Final Update 9/18/2000 **

Counting down the final days until the 19th Annual ARRL/TAPR Digital

Communications Conference this weekend in Orlando, Florida. For detailed information about the conference, please visit the official DCC web page at http:www.tapr.org/dcc.

Registration for the conference will be taken at the door. Friday registration is for an entire afternoon APRS activities, demonstrations, and

presentations. Saturday registration includes conference proceedings, lunch, and a full day of presentations. Saturday night includes Banquet, dinner speaker, and prize drawing. Sunday registration is for the PICmicro Design seminar.

DCC Social:
Please join us Friday evening at 7:00 PM for a social get together time. The social is generously hosted by the Packet Radio Users Group of Japan (PRUG).

PRUG Presentation:
Friday night the Packet Radio Users Group of Japan will present talks on their progress on high-speed digital networks in Japan.

Saturday Night Banquet Speaker:
Mr. Doug Campbell, of Triton Network Systems (http://www.triton-network.com)

will be our DCC Banquet Speaker. Triton Network Systems is located in Orlando, Florida.

Vice President Product Management, Marketing, & International Business as Vice President of International Sales, Marketing and Product Management, Mr.

Campbell leads the assessment of global community needs and spearheads the development of Triton Network Systems' product and marketing strategies.

Mr. Campbell cultivated his management skills in sales, marketing and product development working 17 years for Nortel Networks. While based in Singapore, he built a multifunctional pan-Asian team, which successfully captured a 100% market share with MCI-WorldCom Asia, successfully introducing a number of new products. Prior to this, Mr. Campbell was instrumental in the establishment of an SDH broadband equipment joint venture in China and served as a member of the company's Board of Directors.

Mr. Campbell received a Bachelor of Engineering Physics degree from the Royal Military College of Canada in Kingston, Canada, and a Master of Business Administration from IMD (University of Lausanne) in Switzerland.

Banquet Prize Drawings:
Grand Prize - Kenwood TM-D700A (donated by Kenwood)
2nd Grand Prize - Palm VII Personal Digital Assistant (donated by TAPR)
Two Motorola Oncore M12 GPS Evaluation Kits (donated by Synergy Systems, LLC)
Microchip PICSTART-PLUS PICmicro Programmer (donated by Microchip)

PIC Seminar Prize Drawing
Microchip MPLAB-ICD (donated by Microchip)

Project and Demonstration Room:
The DCC is a place where people can talk about their projects and gain ideas

for new ones. The Project and Demonstration Room has become a recent DCC tradition where people can bring and display their projects. The room will be located next to the registration room and across the hall from the main presentation room. The Project and Demonstration Room will open at registration time and be closed (locked) 11:00 PM Friday and Saturday night.

Map and coordinates:
A map of the conference hotel and coordinates are available at ftp://ftp.tapr.org/dcc/2000.dcc.hotel.map.pdf

Speakers:
The following is a list of presenters. PDF version available from ftp://ftp.tapr.org/dcc/2000.dcc.speakers.pdf

Speaking schedule (subject to change) is available from ftp://ftp.tapr.org/dcc/2000.dcc.schedule.pdf

APRS Seminar - Friday September 22, 2000

John Ackerman, N9UR   APRS WG
Steve Bible, N7HPR   T-238 Weather Station
John Blowsky, KB2SCS   APRS LOOKUP
Bob Bruninga, WB4APR   APRSdos, satellite, etc.
Steve Dimse, K4HG   Internet APRS
Walter Dunckel, KD6VYV   Serial Control of D7/D700
John Hansen, W2FS   KISS TNC, D700 Keyboard
Dale Huguley, KG5QD   Weather Server
Larry Gahagan, AB0JM   Wildfire Support
Byon Garranrant, N6BG   TinyTrack
Mike Musick, N0QBF   PalmAPRS/Tracker construction
Robert Osband, N4SCY   Public Service with APRS
Tom Schaefer, NY4I   APRS Email Gateway
Darryl Smith, VK2TDS   APRS in the 2000 Olympics
The Sprouls, WU2Z/KB2ICI Mac/Win/XAPRS
Rob Wittner, KZ5RW   APRS-CE

Main Session, Paper Presentation - Saturday 23, 2000
Titles and abstracts are available at
http://www.tapr.org/tapr/html/Fcnc19.html

EasyTrak, A PIC Based Rotor/Radio Controller Interface
By Steve Bible N7HPR

APRS Tiny Web Pages
By Bob Bruninga WB4APR

Channel Capacity Simulation of Peer-to-Peer Spread Spectrum Satellite
Transponders
By Matthew Ettus N2MJI

Correlation for Direct Sequence Spread Spectrum
By Panagiotis Gavalas

PIC-et Radio II: How to Receive AX.25 UI Frames Using Inexpensive PIC
Microcontrollers
By John A. Hansen W2FS

Winlink 2000 ...A Global Ham Message Transfer and Deliver Network
By Hans Kessler N8PGR, Vic Poor W5SMM, Rick Muething KN6KZB, and Steve
Waterman K4CJX

Frequency Offset Acquisition and Tracking Algorithms, Part 1 and Part 2
By Mohamed K. Nezami

APRS and the TAPR EasyTrak Az/El Rotor Control System
By Keith Sproul WU2Z

APRS and Kenwood TM-D700 Voice Messaging
By Keith Sproul WU2Z and Mark Sproul KB2ICI

Internet Wide Callsign Database using LDAP
By Mark Sproul KB2ICI

Automatic Voice Relay System
By Bob Bruninga WB4APR

Introductory Sessions - Saturday 23, 2000

Intro to Packet Radio
By John Ackerman, N8UR

Intro to APRS
By Guy Story, KC5QOI

Intro to Digital Satellites
By Barry Baines, WD4ASW

Into to HF Digital
TBD

Intro to Software Defined Radios
By Steve Bible, N7HPR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

91. [htaprs] need leads for cable for D7AG

From: "Doug Ellmore" <na1dx@arrl.net>
Date: Tue, 19 Sep 2000 19:29:23
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110199-2000.09.19-19.37.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ordered the THD7AG today. Got permission from my purchasing manager since I
unloaded some other gear, hi hi. Need leads for lesser expensive interface cables for
computer and my delorme Tripmate GPS.

Thanks,

Doug, na1dx@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

92. [htaprs] D7A Battery charging?

From: RASNM@aol.com
Date: Tue, 19 Sep 2000 20:41:56 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110204-2000.09.19-19.50.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have purchased a Maha PB39 NiMh battery and C777 charger for my Kenwood
D7A. Both seem to work fine but now I am wondering about a few things.

1. Can I charge the NiMh battery with the Kenwood BC-17 charger?

2. Is there risk of overcharging either my Kenwood NiCd battery or the Maha
NiMh battery when I use the Kenwood 12V adapter during mobil use?

73-Ron
KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] RE: D7A Battery charging?

From: AE5PL <HamLists@ametx.com>
Date: Wed, 20 Sep 2000 05:46:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110284-2000.09.20-05.54.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1.) You should be able to charge the battery with the BC-17. Beware that
this is a reallll slowwwww trickle charge.

2.) The battery is NOT charged when the radio is turned on!! (Yea, this was
a surprise to me, too). So, mobile operation off of the car battery does
not charge the radio battery thereby negating the concern about
overcharging. When the radio is turned off, it will trickle charge just
like with the BC-17. The charge rate is low enough that it shouldn't
adversely affect the NiMh battery as long as you don't leave the radio off
and the battery charger on for days.

Remember that NiMh batteries don't have memory effect, but they do have a
rather high static discharge rate. I would recharge the battery with the
speed charger every night if you use your handheld every day.

Hope this helps.

Pete Loveall AE5PL

-----Original Message-----
From: RASNM@aol.com [mailto:RASNM@aol.com]
Sent: Tuesday, September 19, 2000 7:46 PM
To: HT
Subject: [htaprs] D7A Battery charging?

I have purchased a Maha PB39 NiMh battery and C777 charger for my Kenwood

D7A. Both seem to work fine but now I am wondering about a few things.

1. Can I charge the NiMh battery with the Kenwood BC-17 charger?

2. Is there risk of overcharging either my Kenwood NiCd battery or the Maha
NiMh battery when I use the Kenwood 12V adapter during mobil use?

73-Ron
KD5HTY

You are currently subscribed to htaprs as: HamLists@ametx.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] RE: D7A Battery charging?

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Wed, 20 Sep 2000 08:16:35 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110312-2000.09.20-10.24.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 20 Sep 2000, AE5PL wrote:

> 1.) You should be able to charge the battery with the BC-17. Beware that
> this is a reallll slowwwww trickle charge.

Isn't the BC-17 a fast charger *only* (no trickle charge setting)? If so,
using it to charge a NiMH battery might not be the best thing to try!

> Remember that NiMh batteries don't have memory effect, but they do have a
> rather high static discharge rate. I would recharge the battery with the
> speed charger every night if you use your handheld every day.

That's what I do. I have three MaHa NiMH batteries which I use in (almost)
strict rotation on my D7A(G). One gets used everyday, all day for
monitoring our local repeater. When I go to work the next day, the old
battery is put in the MaHa charger, and a freshly charged battery as put
on the D7A(G). Each battery gets an equal work out and I'm guaranteed that
I have two fresh batteries... plus whatever's left in the battery still
attached to the radio... at all times.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] RE: D7A Battery charging?

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 20 Sep 2000 11:38:04 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110315-2000.09.20-10.45.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe the BC-_19_ is the rapid charger.

If the NiMH packs are constructed correctly, they should charge on the BC-19
just fine. There's a contact labeled "T" on the battery - this is connected
to a thermistor inside the battery that the BC-19 uses to monitor internal
temperature. When the temperature starts to rise, the battery is considered
charged, and the rapid charging is switched to trickle.

There are two other _possible_ contacts for the positive end of the battery,
depending on the number of cells in the pack. The high-voltage pack I
bought from Dr. NiCad (Mr. NiCad?) at Dayton refused to rapid charge,
because the manufacturer used the same case tooling for the high- and
low-voltage packs. The same positive contact was used for both, but the
rapid charger couldn't deal with having the higher-voltage pack on the
lower-voltage charging contact - so after about a minute on the charger it
would stop charging and blink a red indicator light. The folks at Dr. NiCad
were very nice and swapped it out for the lower voltage pack. Everything
now works great as far as rapid charging goes. Caveat emptor.

I also have two "slim" low-voltage NiMH packs from W&W (?) and they charge
correctly.

YMMV.

   -Rob
    KZ5RW

-----Original Message-----
From: bounce-htaprs-3572@lists.tapr.org
[mailto:bounce-htaprs-3572@lists.tapr.org]On Behalf Of Julian M. Frost
Subject: [htaprs] RE: D7A Battery charging?

Isn't the BC-17 a fast charger *only* (no trickle charge setting)? If so,
using it to charge a NiMH battery might not be the best thing to try!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

96. [htaprs] Re: New! TH-D7A(G) Software Available ver. 1.00

From: Doug Ferrell <kd4moj@kd4moj.org>
Date: Wed, 20 Sep 2000 13:46:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110329-2000.09.20-12.55.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:26 PM 09/15/2000 -0700, Kenwood Communications wrote:
>To All Kenwood TH-D7AG owners:
>Note: This version only works with the TH-D7A(G) or (G) upgraded version
>radios. Kenwood reserves the right to make this software available in the
>future for retail purchase. Please report any software bugs to Kenwood
>Amateur Customer Service.

        Is the "A" version still around?

...DOUG
kd4moj

    Where am I????? ---------->>>>   http://map.findu.com/kd4moj
    http://www.tallahassee-scanner.com Scanning Tallahassee Florida
  +--+
  | Doug Ferrell   (850) 575-7119 |
  | kd4moj@kd4moj.org, http://www.kd4moj.org   Fax (850) 575-6577 |
  | Amateur Radio & Television (ATV), APRS   APRS 144.390 Mhz |
 | 3027.27N / 08420.80W Tallahassee Florida   131.8 CTCSS 444.400 Mhz |

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

97. [htaprs] BC-19 thd-7 charger and nickle metal

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 20 Sep 2000 16:51:31 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110369-2000.09.20-18.56.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i have had the maha pb39 nickle metal for about two months.   i use the
wall wart to charge it, the one that came with the thd-7   and when i put
it in the bc 19   the red lamp starts to flash after about five
minutes.....i am never sure if the flashing means it is still getting a
charge.

has anyone:

1. put the nickle metal in the bc 19 and had the green light come on
meaning its charged?

2. left the battery in the bc 19 with the red light flashing and then found
out that even if the light flashes its still getting a charge?

73
find me on a map! go to http://map.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

98. [htaprs] D7A Battery charging? - UDQ9000 Charger Mini-review

From: Doug Ferrell <kd4moj@kd4moj.org>
Date: Wed, 20 Sep 2000 20:44:55 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110378-2000.09.20-19.53.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:41 PM 09/19/2000 EDT, RASNM@aol.com wrote:
>I have purchased a Maha PB39 NiMh battery and C777 charger for my Kenwood
>D7A. Both seem to work fine but now I am wondering about a few things.

  At the Melbourne, FL hamfest several weeks ago, I did my annual HT battery shopping (actually will probably buy more in Orlando 2001) and Mr Nicad (http://www.batteriesamerica.com) was there with the usual THRONG of folks trying to buy batteries. Since I just got my D7a, of course I needed additional batteries. I bought the last PB-38 (1800mAh) and a PB-39. I needed a fast rate charger so they recommended the UDQ-9000 Universal charger.

  I'm use to a wall-wart and a drop in charger (for my commercial HT's as well as my amateur rigs). As advertised, this contraption will work out of the car (supplied with a cigarette AND a molex type plug for 12v) and the house.

  Now since this sucker will work with ANY battery (HT-Camcorder-etc), you have to adjust two things. The actual charging pins are on a "slider" that moves back and forth so you can match it up to the two contacts on your battery that mates with the back of your HT. The second adjustment is for depth... so if your contacts are halfway up your battery case or down near the bottom, you can adjust for anything. The battery is held in place by a magnet so if you are crusing down the highway and sling a 180, that sucker will NOT move! There is also a temp sensor that will slow down the charging process as your battery nears finish. There are also 3 LED indicators to let you know the progress of the charge

  The charger really works as advertised. I've put all my PB batteries on it from a partial charge to an almost total discharge (I know i'm not supposed to let them get down that far!) and then RE-ADJUSTED it for my Yaesu FT-50 batteries. Works on all of 'em... rain or shine.

  Now what really bites.... is having to re-adjust for the different batteries. Takes me about 10 minutes to get it adjusted and tweaked to work with a different size battery.

  End result...it works like advertised... 12V or 120V. Hamfest SPECIAL $39.95! (normally $59.95).

  If anyone want's some pictures.. I'll post them on my site. Gotta dig that Apple Quicktake 100 out of the closet.

  Now a quick plus for the Mr. Nicad/Ed Yost & Company/Batteries America bunch. I've always bought my batteries (and two chargers) from them at shows and those batteries last. A good honest group to deal with. Only drawback is they are so popular @ shows... you have to elbow your way up to their booth to snag the batteries up before they are gone! (NOT AFFILATED WITH THEM JUST A SATISFIED CUSTOMER!)

...DOUG
kd4moj

    Where am I????? ---------->>>>   http://map.findu.com/kd4moj
    http://www.tallahassee-scanner.com Scanning Tallahassee Florida
  +---+
  | Doug Ferrell   (850) 575-7119 |
  | kd4moj@kd4moj.org, http://www.kd4moj.org   Fax (850) 575-6577 |

```
  | Amateur Radio & Television (ATV), APRS              APRS 144.390 Mhz |
 _| 3027.27N / 08420.80W  Tallahassee Florida     131.8 CTCSS 444.400 Mhz |_
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

99. [htaprs] Kenwood D700 and Emap GPS

From: "Maurice Cuellar" <taprham@calmed.com>
Date: Thu, 21 Sep 2000 17:56:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110515-2000.09.21-19.31.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I own a Kenwood D700 and I am trying to setup a GPS
to work with it.

I got a Garmin EMap.
and the data cable to go with it.
I got the 4pin rectangular plug.
Black, White and Green wires
http://www.garmin.com/support/faqs/1.html

And the kenwood wire.
Shield, Red, White wires.
http://216.133.235.165/Amateur/Instruction%20Manuals/TMD700A_Specialized.PDF

So I connected black to shield, White to Red and
Green to White.

Im not having got luck making the GPS talk to the
radio.

I set the GPS to NMEA out. at 4800baud
and I set the radio for GPS at NMEA.

There were 3 wires and I am pretty sure I connected
them correctly. Ground, Data In, Data Out.

But its still not sending the Long/Lat/etc. to the radio.

Any suggestions?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

100. [htaprs] Happy Hacking Cradle

From: "Jim Gill" <gillj@uswest.net>
Date: Fri, 22 Sep 2000 00:00:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110567-2000.09.22-00.09.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could this device be used with PocketAPRS and a PS/2 keyboard (full size or
miniature)? It appears to have a pass-through for the serial port on the
Palm.

Jim N0RMO

 http://www.pfuca.com/products/hhkb/hhcindex.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

101. [htaprs] Re: connecting Emap to Kenwood

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Fri, 22 Sep 2000 10:59:37 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110569-2000.09.22-04.15.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi Maurice

On 22 Sep 2000, at 0:00, TAPR Hot Technology APRS digest wrote:

>
> There were 3 wires and I am pretty sure I connected
> them correctly. Ground, Data In, Data Out.
>
Data in on the Kenwood has to be connected to data out on the emap and
vice versa. Thats the most common problem in this case.
Take a voltmeter and check the output of the two cables. The cable that
shows a voltage is the Data out pin.

55!
Werner

Thought for the day:
    Intuition (n): an uncanny sixth sense which tells people
    that they are right, whether they are or not.

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

102. [htaprs] Re: connecting Emap to Kenwood

From: "Maurice Cuellar" <taprham@calmed.com>
Date: Sat, 23 Sep 2000 00:56:49 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110678-2000.09.23-03.07.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just wanted to let everyone that I found the problem
with the GPS not sending data to my Kenwood D700.

It was a bad GPS data cable that came with my radio, I just assumed that
since it came straight out of the box from the factory that it was fine,
but I was wrong.

Although Kenwood advised me initially to reset the radio, they also
said to post my question here and thats what saved all my memories,
so I guess they are not that bad after all.

Special Thanks to:
Byron Smith and Dr. Werner Furlan for their help in assisting me
diagnosis the problem.

FYI:
This project costed $199 for the Garmin Emap and $22
for the data cable. But I returned the Garmin Emap for a
cheaper version the Garmin Etrek and its working just
fine. That GPS only costed $119 plus $22 for the data cable.

Next project is to get the Etrek GPS to work on my Palm IIIc,
but I dont even know where to begin.... I'll start my browsing now.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

103. [htaprs] RE: Kenwood D700 and Emap GPS

From: AE5PL <HamLists@ametx.com>
Date: Sat, 23 Sep 2000 21:04:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110757-2000.09.23-21.12.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You might try switching the green, red, and white wires (white - white,
green - red). My TH-D7A(g) is wired the way you have it to an eTrex (same
pin outs as the eMap). But Kenwood might do things differently, colorwise,

with the 700.

Pete AE5PL

(Black is ground, so that is ok).

-----Original Message-----
From: Maurice Cuellar [mailto:taprham@calmed.com]
Sent: Thursday, September 21, 2000 7:30 PM
To: HT
Subject: [htaprs] Kenwood D700 and Emap GPS

I own a Kenwood D700 and I am trying to setup a GPS
to work with it.

I got a Garmin EMap.
and the data cable to go with it.
I got the 4pin rectangular plug.
Black, White and Green wires
http://www.garmin.com/support/faqs/1.html

And the kenwood wire.
Shield, Red, White wires.
http://216.133.235.165/Amateur/Instruction%20Manuals/TMD700A_Specialized.PDF

So I connected black to shield, White to Red and
Green to White.

Im not having got luck making the GPS talk to the
radio.

I set the GPS to NMEA out. at 4800baud
and I set the radio for GPS at NMEA.

There were 3 wires and I am pretty sure I connected
them correctly. Ground, Data In, Data Out.

But its still not sending the Long/Lat/etc. to the radio.

Any suggestions?

You are currently subscribed to htaprs as: HamLists@ametx.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

104. [htaprs] "New" 2.5mm Stereo Plug Source

From: AE5PL <HamLists@ametx.com>
Date: Sun, 24 Sep 2000 09:45:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-110837-2000.09.24-09.53.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Radio Shack has finally started stocking a 3/32" (2.5mm) stereo plug (90
degree angle) (P/N 274-298). I have used it with my TH-D7A(G) and Garmin
eTrex (using Garmin's data cable) and it works perfect. Garmin's data cable
is MUCH sturdier than Kenwood's and the Radio Shack connector was relatively
easy to wire.

I am not affiliated with Radio Shack, just glad to have a local source for
parts.

73,

Pete Loveall AE5PL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

105. [htaprs] D7 Icons

From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 25 Sep 2000 10:27:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111048-2000.09.25-10.37.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anybody know why icons from D7s are not displaying in WINAPRS? I see icons from other stations, but D7 stations just show up as a dot. My D7 used to show up as a bike icon. I didn't change anything on the D7 (intentionally anyway - it sometimes changes things by itself). I'm using a different TNC at home. I was using a KAM before and am now using a KAM with earlier firmware, but the same setup file.

Also, has anyone else been having problems with the D7 changing parameters on its own? My repeater offsets keep changing. The VHF repeater offset keeps changing to 630 kHz and the UHF changes to $%.*#@ (don't remember exactly what UHF changes to, but it show as garbage and the radio won't transmit) The first time it happened, I did a complete reset. The second time, I was able to change the offsets with the programming software. The last couple times I was able to copy a memory to the VFO and that corrected the offset. The memory channels don't change - just the default repeater offsets. I wasn't able to fix the offset from the radio. If I tried to change it from the radio, it would change in 20 kHz steps 630, 610, 590 . . . but wouldn't let me go to 600. I didn't have anything in memory with 600 kHz offsets, but do now. So now I can just copy the memory to the VFO.

Skip

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

106. [htaprs] Re: D7 Icons

From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 25 Sep 2000 11:50:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111060-2000.09.25-12.00.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think I'm using WINAPRS 2.4.6. But it used to work. As I said, the only thing I changed was the TNC from a KAM with enhancement board to a KAM without enhancement board (my regular KAM crapped out). I'm wondering if it could be a KAM parameter that's not set??

Skip

Karl Geng wrote:
>
> When I read your message my light bulb went to bright right away. I am
> having similar problems. My /Y (Yacht) icon shows up as either a dot or
> a black car on WINAPRS when it gets sent from the D7.
>
> ----- Original Message -----
> From: "Skip Allison" <cfad07@email.mot.com>
>
> > Does anybody know why icons from D7s are not displaying in WINAPRS? I
> > see icons from other stations, but D7 stations just show up as a dot.
> > My D7 used to show up as a bike icon. I didn't change anything on the
> > D7 (intentionally anyway - it sometimes changes things by itself). I'm
> > using a different TNC at home. I was using a KAM before and am now
> > using a KAM with earlier firmware, but the same setup file.
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

107. [htaprs] Re: D7 Icons

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 25 Sep 2000 10:20:22 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-111066-2000.09.25-12.28.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 25 Sep 2000, Skip Allison wrote:

> I think I'm using WINAPRS 2.4.6. But it used to work. As I said, the
> only thing I changed was the TNC from a KAM with enhancement board to a
> KAM without enhancement board (my regular KAM crapped out). I'm
> wondering if it could be a KAM parameter that's not set??

Are you sure you didn't upgrade WinAPRS about the same time? There
have been reports that WinAPRS 2.4.6 drops the 100's digit from the
longitude on MIC-E formatted packets, and that 2.4.7 fixes this
problem. If you're dropping one of the characters, it's possible
that it's interpreting the wrong character later as the symbol.

Try upgrading WinAPRS.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

108. [htaprs] Re: D7 Icons

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 25 Sep 2000 12:51:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-111070-2000.09.25-13.04.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Also, has anyone else been having problems with the D7 changing
>parameters on its own? My repeater offsets keep changing. The VHF
>repeater offset keeps changing to 630 kHz and the UHF changes to $%.*#@
>(don't remember exactly what UHF changes to, but it show as garbage and
>the radio won't transmit) The first time it happened, I did a complete
>reset.

I had the same problem with my new THD7-A that I bought in May. I sent it
back to them and they looked at it on the test rig and decided it was just too
weird to try and fix so they replaced it and sent me a new one that has worked
so much better (Got the G firmware upgrade while it was in, had to pay for it,
sigh).

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

109. [htaprs] 246 problem

From: "Tom Clarke" <fclarke@erols.com>
Date: Mon, 25 Sep 2000 17:05:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111092-2000.09.25-16.14.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to get 246 to work and having a peculiar problem. I seem to be
talking to the KAM+ ok and it is displaying packets at the bottom of the
screen, but nothing shows up on the map. The decoded packets in red at the
bottom do not show any call signs, just the data following the !

Any ideas? I have used my D7 and D700 as signal sources, as well as data
from the local network.

73 de Tom/W4OKW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

110. [htaprs] D7A on public Service

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Mon, 25 Sep 2000 16:52:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111099-2000.09.25-17.22.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi guys!

Any police/fire/EMS folks out there had any problems
with the D7A being used on public safety frequencies?
Maybe the infamous D301 letting go? I would
like to know before I try it.

Thanx

Flip N9AZZ
fminton@midwest.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

111. [htaprs] D7A on public Service

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 25 Sep 2000 17:26:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111101-2000.09.25-17.35.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only problem would be that the D7 is not type accepted for transmission
out of the Ham Bands. I know of several Gov't agencies that frown upon
their people using non type accepted equipment...

73,

Mark
KC7BXS

At 04:52 PM 9/25/00, Richard \"Flip\" Minton wrote:
>Hi guys!
>
>Any police/fire/EMS folks out there had any problems
>with the D7A being used on public safety frequencies?
>Maybe the infamous D301 letting go? I would
>like to know before I try it.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

112. [htaprs] Re: 246 problem

From: "Ralph Tullo" <tullo@email.com>
Date: Mon, 25 Sep 2000 19:02:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111179-2000.09.25-19.12.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tom & the group.

My 246 does the same thing, Don't know why. Kam w/enhancement board, ver
8.2. Help, I need a clue!

Ralph, N5LHB

----- Original Message -----
From: Tom Clarke <fclarke@erols.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Monday, September 25, 2000 4:05 PM
Subject: [htaprs] 246 problem

> I am trying to get 246 to work and having a peculiar problem. I seem to
be
> talking to the KAM+ ok and it is displaying packets at the bottom of the
> screen, but nothing shows up on the map. The decoded packets in red at
the
> bottom do not show any call signs, just the data following the !
>
> Any ideas? I have used my D7 and D700 as signal sources, as well as data
> from the local network.
>
> 73 de Tom/W4OKW
>
>
> ---
> You are currently subscribed to htaprs as: tullo@email.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

113. [htaprs] D7 on public service

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Mon, 25 Sep 2000 20:57:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111234-2000.09.25-21.07.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Folks, I don't need a lesson in type acceptance. The argument over modified
radios was old back in 1983 when it started.

This rig is not and shouldn't be used there. But as a police officer I have
on a few occasions due to dead batteries or
other malfunctions been without communications when I was knee deep in
alligators.

I have at this time reached in the glove box of the squad car and took out a
radio I wasn't afraid of blowing up like this Kenwood, and used it. For
those of you who will loose sleep over that I'm sorry. My wife and kids were
grateful to see me come home that day.

Sorry to have bothered.

Flip

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

114. [htaprs] Re: D7 Icons

From: Skip Allison <sallison@megsinet.net>
Date: Mon, 25 Sep 2000 23:18:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111263-2000.09.25-23.28.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Curt Mills, WE7U" wrote:
>
> On Mon, 25 Sep 2000, Skip Allison wrote:
>
> > I think I'm using WINAPRS 2.4.6. But it used to work. As I said, the
> > only thing I changed was the TNC from a KAM with enhancement board to a
> > KAM without enhancement board (my regular KAM crapped out). I'm
> > wondering if it could be a KAM parameter that's not set??

Got it fixed. FILTER was on. Guess FI OFF wasn't in the setup string.
It's working fine now.

Skip

K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

115. [htaprs] Re: D7 on public service

From: "Loyd C. Headrick" <kf4ugt@bellsouth.net>
Date: Tue, 26 Sep 2000 03:29:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111277-2000.09.26-02.34.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I agree having a back up radio for communications has workeed for me I work
rescue here in tn
I was doing a public service event with the radio club when I got called out
for a call. I would have had to drive 15 miles out of the way to retieve
public service radio before getting to scene plus have stood side by side
with a public service radio and it would not talk back to repeater used mine
radio and made it to repeater

Loyd C. Headrick
kf4ugt@bellsouth.net
Chattanooga Packet Net Manager

----- Original Message -----
From: "Richard "Flip" Minton" <fminton@midwest.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, September 25, 2000 9:57 PM
Subject: [htaprs] D7 on public service

> Folks, I don't need a lesson in type acceptance. The argument over
modified
> radios was old back in 1983 when it started.
>
> This rig is not and shouldn't be used there. But as a police officer I
have
> on a few occasions due to dead batteries or
> other malfunctions been without communications when I was knee deep in
> alligators.
>
> I have at this time reached in the glove box of the squad car and took out
a
> radio I wasn't afraid of blowing up like this Kenwood, and used it. For
> those of you who will loose sleep over that I'm sorry. My wife and kids
were
> grateful to see me come home that day.
>
> Sorry to have bothered.
>
> Flip
>
>
>
> ---
> You are currently subscribed to htaprs as: kf4ugt@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

116. [htaprs] MURS aprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 26 Sep 2000 05:29:50 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111296-2000.09.26-07.35.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey i would like to know more about this also......anyone have any info
please post

73
find me on a map! go to http://map.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

117. [htaprs] Re: D7 on public service

From: Joseph Cunningham <jcunning@oem.state.or.us>
Date: Tue, 26 Sep 2000 17:58:11 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111397-2000.09.26-20.06.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Flip,

I work in emergency management and have used my FT-50R as a backup to the
Bendix-King that I usually use. I have no qualms about using non
type-accepted radios in situations that warrant it. The FT-50R had a
"sister" commercial radio, released under the Vertex name, but with the
same case/display. I'm sure it probably had the same circuitry, except it
was tuned for a different range of frequencies.

Personally, I don't think I'll ever try modifying my D7 because I've got my
FT-50. Besides, I'm still amazed at what Kenwood fit in that little radio
<grin>. The D7 is the only radio that I haven't opened yet. :)

73 de
Joseph Cunningham KB7PPL

At 08:57 PM 9/25/00 -0500, Richard \"Flip\" Minton wrote:
>This rig is not and shouldn't be used there. But as a police officer I have
>on a few occasions due to dead batteries or
>other malfunctions been without communications when I was knee deep in
>alligators.
>
>I have at this time reached in the glove box of the squad car and took out a
>radio I wasn't afraid of blowing up like this Kenwood, and used it. For
>those of you who will loose sleep over that I'm sorry. My wife and kids were
>grateful to see me come home that day.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

118. [htaprs] D7 recommendation

From: "Jim King" <jim@jimking.net>
Date: Tue, 26 Sep 2000 21:10:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111419-2000.09.26-21.18.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any recommendations on a place to buy a D7? www.texastowers.com has what looks like a good price, but
I'm new to the scene and don't know prices or vendors.

Thanks,
Jim

119. [htaprs] Re: D7 recommendation

From: Doug Ferrell <kd4moj@kd4moj.org>
Date: Tue, 26 Sep 2000 23:53:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111446-2000.09.26-23.03.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim:

        Might want to try HRO (http://www.hamradio.com). I've always had good
dealings with them... fast free delivery!

...DOUG
kd4moj

    Where am I????? ----------->>>>   http://map.findu.com/kd4moj
    http://www.tallahassee-scanner.com Scanning Tallahassee Florida
  +--+
  | Doug Ferrell   (850) 575-7119 |
  | kd4moj@kd4moj.org, http://www.kd4moj.org   Fax (850) 575-6577 |
  | Amateur Radio & Television (ATV), APRS   APRS 144.390 Mhz |
 | 3027.27N / 08420.80W Tallahassee Florida   131.8 CTCSS 444.400 Mhz |

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

120. [htaprs] Re: D7 recommendation

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 27 Sep 2000 10:55:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-111533-2000.09.27-14.12.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   Might want to try HRO (http://www.hamradio.com). I've always had good
>dealings with them... fast free delivery!

The radio is listed in different places for prices from $399 to $450. Finding
the $399 price at a reputable place would be the optimal choice...

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

121. [htaprs] TH-D7A(G) and GPS Problems?

From: "Julian M. Frost" <jfrost@odaiko.ss.uci.edu>
Date: Thu, 28 Sep 2000 09:50:25 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111680-2000.09.28-11.59.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Several people have mentioned a problem they have experienced with their
newly modified Kenwood TH-D7A(G) handhelds when used with their GPS
receivers. Some have mentioned that the D7(G) loses the position reports
from the incoming NMEA data stream after the radio has been on for a
while, or other similar complaints.

Those that are experiencing these, or similar problems related to using a
GPS receiver with the D7A(G), please contact me directly at
jfrost@odaiko.ss.uci.edu. I'm working with Kenwood to get this issue
resolved and would appreciate any input you can provide.

Thanks,

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

122. [htaprs] TMD-700 & "ramtest" cde

From: Eric Charikane <charikane@ecrin.asso.fr>
Date: Fri, 29 Sep 2000 15:34:36 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111804-2000.09.29-08.43.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everybody,

Just have my TmD-700E last week, and two things strike me !

1- Do some of you try the "ramtest" command in packet mode ? If so
what does it output ? This is what I get from my TX :
- reset ram
- error adress 000defOf ---> how strange, isn't it
- 128 kbytes OK

and then the TNC freezes. I must Off/On to use it again !

! PLEASE BE CAREFULL ! If you want to try it, you must know that all
the params of the packet mode will be erase !

2- In aprs mode, all my beacons are sent to "TXUPU3". I could not
find a way to send them to the general adress APRS. Do you notice that too ?
And does someone have an answer that I miss ?

Thank's very much for any answer.

73s qro, Eric, F4COU
--

ECRIN

Eric Charikane
32, boulevard de Vaugirard - 75015 Paris
Tèl. : 33 (0) 1 42 79 50 85 - Fax : 33 (0) 1 42 79 50 99
E-mail : charikane@ecrin.asso.fr - http://www.ecrin.asso.fr

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

123. [htaprs] Re: TMD-700 & "ramtest" cde

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 29 Sep 2000 09:56:45 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-111810-2000.09.29-09.05.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 29 Sep 2000, Eric Charikane wrote:

> 2- In aprs mode, all my beacons are sent to "TXUPU3". I could not
> find a way to send them to the general adress APRS. Do you notice that too ?
> And does someone have an answer that I miss ?

That is your LATITUDE and comment bits. Since APRS packets are to
everyone, we designed the Mic-E format to use those 6 bytes for latitude.
TXUPU3 decodes to 4850.53 N

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

124. [htaprs] Re: TMD-700 & "ramtest" cde

From: Eric Charikane <charikane@ecrin.asso.fr>
Date: Fri, 29 Sep 2000 17:10:42 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111826-2000.09.29-10.19.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,
Many thank's, for this prompt reply. OK, I learn something today ;-)
You're right, I'm in JN18GU, 4850.53N / 002.31.33E !
Best Regards,
de F4COU, Eric

Bob Bruninga wrote:
>
> > 2- In aprs mode, all my beacons are sent to "TXUPU3". I could not

> > find a way to send them to the general adress APRS. Do you notice that too ? And does someone have an answer that I miss ?
>
> That is your LATITUDE and comment bits. Since APRS packets are to
> everyone, we designed the Mic-E format to use those 6 bytes for latitude.
> TXUPU3 decodes to 4850.53 N
>
> de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

125. [htaprs] newstrucks aprs masts

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 29 Sep 2000 19:41:20 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-111957-2000.09.29-21.46.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey...the news trucks don't use any sort of aprs or position or even talk on the two way out of scramble mode around here. we don't want the news department at "the other" station knowing where the news story might be before we get there   ha ha

that would be fun to be able to track other companys news crews. save lots of work!

also....winaprs 2.4.6 won't list tiny track icons go to a older version

73

steve las vegas

tv 21/33

find me on a map!   go to   http://map.findu.com/kd8s-7   works only if i am sending my position out   and in satellite range

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

126. [htaprs] Re: newstrucks aprs masts

From: BordingK@aol.com
Date: Sat, 30 Sep 2000 08:25:47 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112021-2000.09.30-07.34.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone know how to capture those realplayer type files to disk. I'd like to use it in a ham radio safety program?

Also, how about capturing animated images in general?

DE W5KNB
Ken

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

127. [htaprs] Re: D7 recommendation

From: "John R. Fulton Jr." <JRFjr@compuserve.com>
Date: Sat, 30 Sep 2000 09:56:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112039-2000.09.30-10.10.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I hate to state the obvious but be sure you're getting the price for
the "G" version.
John Fulton, W5ZZZ
Fort Worth

>
>
>The radio is listed in different places for prices from $399 to $450. Finding
>the $399 price at a reputable place would be the optimal choice...
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

128. [htaprs] Re: D7 recommendation

From: "ScottM" <smorris@mindspring.com>
Date: Sat, 30 Sep 2000 11:14:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112040-2000.09.30-10.23.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Checked HRO, and the 'G' version is $399, they have the old version for
$379.

Scott
----- Original Message -----
From: "John R. Fulton Jr." <JRFjr@compuserve.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, September 30, 2000 10:56 AM
Subject: [htaprs] Re: D7 recommendation

> I hate to state the obvious but be sure you're getting the price for
> the "G" version.
> John Fulton, W5ZZZ
> Fort Worth
>
> >
> >
> >The radio is listed in different places for prices from $399 to $450.
Finding
> >the $399 price at a reputable place would be the optimal choice...
> >
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

129. [htaprs] more MURS

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 30 Sep 2000 19:31:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112085-2000.09.30-21.37.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

so lets have some ideas on how we can use the freqs. for ham radio

i was thinking about a fulltime full duplex handshake system for my ham
station on the mountain to full time send fsk up and down to my shack on
remote control.

i could then have full time alarm status on the building and faults in the
ham machines

not allowed to have continous carrier on the ham bands .

more ideas???

aprs would work good i think except for people trying to use it to talk on

73
find me on a map! go to http://map.findu.com/kd8s-7 works only
if i am sending my position out and in satellite range

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

October 2000

Original source file: htaprs.0010
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0010

1. [htaprs] MCP-D700 & Travel Plus

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 01 Oct 2000 14:52:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112217-2000.10.01-15.19.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     Has anyone successfully imported repeater lists from ARRL Travel
Plus CD to any of Kenwood's "MCP" programming software, particularly
MCP-D700 and MCP-D7a? It'd be one heckuvalot easier programming in some
200-odd memories if I could do so automagically! I suppose I could send
a sample of the format to anyone interested ...   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] Re: MCP-D700 & Travel Plus

From: Richard Lubash <rlubash@poco.mv.com>
Date: Sun, 1 Oct 2000 19:37:14 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112253-2000.10.01-18.45.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I sure would be interested in that type of solution! I just cut & pasted
150 frequencies from Travel Plus into the Kenwood D700 software and then
entered names, offset and PLs. It would be great to be able to import
frequencies for my next trip. For-that-matter is there an alternative
software that will take information from Travel Plus and import it into the
memory of the D700?

Thanks es 73

Richard / N1VXW

>   Has anyone successfully imported repeater lists from ARRL Travel
>Plus CD to any of Kenwood's "MCP" programming software, particularly
>MCP-D700 and MCP-D7a? It'd be one heckuvalot easier programming in some
>200-odd memories if I could do so automagically! I suppose I could send
>a sample of the format to anyone interested ...   73
>+---+
>|Arte Booten <n2zrc@arrl.net>

Richard Lubash N1VXW
List Owner 1000mp
email rlubash@poco.mv.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] Re: MCP-D700 & Travel Plus

From: "Anthony Parise" <aparise@fast.net>
Date: Sun, 1 Oct 2000 20:46:2
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112285-2000.10.01-20.55.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

See my web page at http://www.qsl.net/wa3hrl. My new program, link700,
will do this. I plan to release the beta test version soon. I would be

very interested to find out how many people would use the import feature.

Tony, WA3HRL
wa3hrl@qsl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] ADMIN: Monthly Message

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sun, 01 Oct 2000 22:54:22 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112304-2000.10.01-22.04.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in discussing the new, hot technologies related to APRS (for example, the APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects that are only tangentially related to hot technologies related to APRS (like "what kind of car should I buy for my new Kenwood transceiver?") may be considered off-topic. If you start a message with "this is off-topic□" then you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you are referencing. (The HTAPRS SIG software has been optioned to limit the length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] Re: MCP-D700 & Travel Plus

From: "stridr" <stridr@optonline.net>
Date: Mon, 2 Oct 2000 12:40:00 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112413-2000.10.02-11.48.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tony and all,

I'm looking forward to your new Link700, and the import feature would be a
great timesaver.

One thing I've found with Travel Plus is that when querying it you don't
always get all the repeaters which the ARRL repeater guide gives.

I queried the author, and he said his database was taken from the book.
Somewhere the ball got dropped. Try to find the three repeaters listed for
Marlboro MA in the repeater directory, when you use Travel Plus. Maybe it's
me?

Howard
----- Original Message -----
From: "Anthony Parise" <aparise@fast.net>

> See my web page at http://www.qsl.net/wa3hrl. My new program, link700,
> will do this. I plan to release the beta test version soon. I would be
> very interested to find out how many people would use the import feature.

"...[I]t is no coincidence that a society which undermines parental
authority, which marginalizes religion, and which steeps its children
in a violent and sexually obsessed popular culture produces children
who are unruly, undisciplined, nihilistic, and in some cases
infatuated with murder and quite prepared to act on these
infatuations." --Rep. J.C. Watts Jr.

Help eradicate Pediatric Brain Tumors
Support our ride 19 Aug 2001
http://go.to/nerfk

Howard Hecht   W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Travel Plus correction

From: "stridr" <stridr@optonline.net>
Date: Mon, 2 Oct 2000 12:48:20 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-112414-2000.10.02-11.56.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Forgot to say the three _2 meter_ repeaters.

hh

"...[I]t is no coincidence that a society which undermines parental
authority, which marginalizes religion, and which steeps its children
in a violent and sexually obsessed popular culture produces children
who are unruly, undisciplined, nihilistic, and in some cases
infatuated with murder and quite prepared to act on these
infatuations." --Rep. J.C. Watts Jr.

Help eradicate Pediatric Brain Tumors
Support our ride 19 Aug 2001
http://go.to/nerfk

Howard Hecht   W1HO
P.O. Box 3483 Milford, CT 06460-0943

Co-Task Force Leader New England Ride for Kids

7. [htaprs] software questons

From: GeorgegeeG@aol.com
Date: Thu, 5 Oct 2000 12:57:21 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113002-2000.10.05-12.06.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am a new owner of the Kenwood TH D7Ag, I have a 386(DOS) laptop and Psion 3a palmtop, in addition to a Pentium at home (win95). I looked at the software directory at TAPRS and don't know what to download! HELP (I'm assuming APRSDOS, but there are many selections including one that says lite...) Any help/suggestions would be greatly appreciated. (also, any suggestions for software to use the Kenwood for packet? Do I need a packet program or just a terminal emulator?)

73's es TNX
de George WB2GTC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: software questons

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 5 Oct 2000 14:45:44 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-113011-2000.10.05-13.54.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 5 Oct 2000 GeorgegeeG@aol.com wrote:

> I am a new owner of the Kenwood TH D7Ag, I have a 386(DOS) laptop and Psion
> 3a palmtop, in addition to a Pentium at home (win95). I looked at the
> software directory at TAPRS and don't know what to download! HELP (I'm
> assuming APRSDOS...

Get ftp://tapr.org/aprssig/dosstuff/APRSdos/aprs848.zip

And then also get the maps for your area of the country which will be one
of these:

 Emapsxx
 Wmapsxx
 Smapsxx
 Cmapsxx
 Mmapsxx
 SEmapsxx
 NWmapsxx

Use PKUNZIP with the "-d" option to unzip them into your APRS directory.
Then run APRS848.EXE

Enjoy
Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

9. [htaprs] re: Software Questions

From: Ralph Milnes <milnes@openix.com>
Date: Fri, 06 Oct 2000 14:57:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-113375-2000.10.06-14.06.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

George,

I'm subscribed in digest mode so I can't see if someone else has already
responded.

The DOS box will need the DOS program that Bob, WB4APR, referenced. The DOS program has some excellent help files that serve as a reference for all the other flavors of APRS, so be sure to get that file.

The Pentium box can run many things in addition to APRSdos. I use WinAPRS (http://aprs.rutgers.edu/) because I like the graphical interface and because it can run higher quality maps. There is also APRSplus which works in tandem with DeLorme's Street Atlas mapping program.

I don't know what will run on the Psion. If it's Palm-compatible, visit this site for more info: http://www.pocketaprs.com/index.html

For regular packet on a Windows machine, I prefer WinPack http://www.peaksys.fsbusiness.co.uk/ but you can just use the HyperTerminal program that comes with Windows.

For DOS, a lot of people prefer Paket 6.2 (ftp://ftp.tapr.org/software_lib/terminal/paKet62.zip . Maybe someone else can tell you about a good terminal program for the Psion -- or do a web search.

73,

Ralph, KC2RLM

>I am a new owner of the Kenwood TH D7Ag, I have a 386(DOS) laptop and Psion
>3a palmtop, in addition to a Pentium at home (win95). I looked at the
>software directory at TAPRS and don't know what to download! HELP (I'm
>assuming APRSDOS, but there are many selections including one that says
>lite...) Any help/suggestions would be greatly appreciated. (also, any
>suggestions for software to use the Kenwood for packet? Do I need a packet
>program or just a terminal emulator?)
>
>73's es TNX
>de George WB2GTC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] SUNSAT in APRS mode NOW!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 6 Oct 2000 17:10:27 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113404-2000.10.06-16.20.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood users, NOTE:

On Fri, 6 Oct 2000, [iso-8859-1] "Höller, Wolf-Dieter" OE7FTJ wrote:

> I have logged SUNSAT the last days with very strong signals, but there where
> no calls in APRS mode except SUNSAT-3 over Europe ..... Where are the
> EU-hams to experiment in APRS via satellites ?

APRS USERS NOTE: We now have a satellite Dedicated this week to APRS. SO far, only about 5 people have tried. If we dont use it, we may be sending a message to AMSAT that we are not interested. Anyone that can transmit FM on 436.290 +/- doppler can HIT it. Everyone with a D7(g) or D700 can hit *and* receive it. How many thousands of us are there? Only 5?

It comes over everywhere between about 5 to 9 PM evenings and 5 to 9 AM Daylight time in any time zone.... Exact times follow...

All you need is the STOCK RADIO and stock antenna. The signal is so strong that you can receive it easily on your D7(g) HT or your D700 MOBILE with any antenna. (9600 baud noise burst every 10 secs)

Although the downlink is only 9600 baud for right now, you can UPLINK either 1200 or 9600. If you get digipeated, you will hear the 9600 baud noise burst... So ANYONE that can transmit 1200 baud (or 9600)APRS on 436.290 will get in... (tune .280 at start of pass, end at .300 at end).

All you need to do is change your path to SUNSAT or APRSAT. THen transmit on 436.290 -/+ doppler and receive on 145.825. If you have a

D7(g) or D700 then also Set 9600 baud and APRS to A:RX B:TX and that is
it... Use it or lose it...

de WB4APR, Bob

For this 3 day weekend, here are the approximate pass times for the USA
evenings. Most of us will be asleep in the AM, so just set your radio to
145.825 before you go to bed, and see who you capture in the morning!

```
          PDT   CDT   EDT
          ----  ----  ----
Friday:   ....  ....  1706
          ....  1745  1845
          1725  1925  2025  Voice pass
          1902  2102
          2043

Saturday: 0433  0633  0733
          0612  0812  ....
          0804  ....  1803
          ....  1838  1938  Voice Pass
          1820  2020  2120
          2000  2200

Sunday:   0353  0553  0653
          0530  0730  0830
          0713  ....  1722
          ....  1802  1902
          1741  1941  2041  Voice Pass
          1920  2120

Monday:   ....  0512  0612
          0451  0651  0751
          0630  0830  ....
          0810  ....  1820
          ....  1902  2002  Voice Pass
          1840  2040
          2022  2222
```

Look closely at the pattern. It passes north to south in the evening and
south to north in the morning, every hour and a half, moving from the
east coast to the west coast. The middle evening pass is always VOICE
on 145.825 PAROT mode (this week)...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] Re: SUNSAT in APRS mode NOW!

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Fri, 06 Oct 2000 19:40:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113432-2000.10.06-19.49.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Went out just now and the satellite was wall to wall voice and I could hear
packet mixed in - seemed to be total chaos. All I could hear was a bunch
of people stepping on each other.

I was was told to make the PACKET PATH -- APRS VIA SUNSAT -- My TH-D7(G)
Doesn't accept that as a valid packet path. Are we confusing unprotocol
with packet path? What should packet path and unprotocol be?

I have packet path set to SUNSAT and Unprotocol set to APK002. Is this
correct?

Dazed and Confused,

Mark
KC7BXS

At 04:10 PM 10/6/00, Bob Bruninga wrote:

>APRS USERS NOTE: We now have a satellite Dedicated this week to APRS. SO
>far, only about 5 people have tried. If we dont use it, we may be sending

>a message to AMSAT that we are not interested. Anyone that can
>transmit FM on 436.290 +/- doppler can HIT it. Everyone with a D7(g) or
>D700 can hit *and* receive it. How many thousands of us are there?
>Only 5?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] Re: SUNSAT in APRS mode NOW!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 6 Oct 2000 21:07:00 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-113435-2000.10.06-20.16.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 6 Oct 2000, Mark Fellhauer wrote:

> Went out just now and the satellite was wall to wall voice...
>
> I was was told to make the PACKET PATH -- APRS VIA SUNSAT --
> My TH-D7(G) Doesn't accept that as a valid packet path.
> Are we confusing unprotocol with packet path?
> What should packet path and unprotocol be?

Yes, UNPROTO referrs to AX.25 path of APRS VIA SUNSAT for any TNC. FOr
the D7, just enter SUNSAT. Never adjust the UNPROTOCOL in your D7 unless
you want to go to an ALTNET and no one else will be able to see your
messages unless they are on the same ALTNET...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] Re: SUNSAT in APRS mode NOW!

From: "Maurice Cuellar" <taprham@calmed.com>
Date: Fri, 6 Oct 2000 23:00:55 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113484-2000.10.07-01.10.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK so I think I got my APRS packet up to the satellite
tonight around 7:00PM.

Now how do I confirm it got there?
Yes, I got the POS beep on my Kenwood 700.

Is there a website to go to?

Thanks.

Maurice
KF6USM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Re: SUNSAT in APRS mode NOW!

From: "Byon Garrabrant" <byon@mail.com>
Date: Sat, 7 Oct 2000 00:50:26 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113486-2000.10.07-03.01.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6 Oct 00, at 23:00, Maurice Cuellar wrote:

> OK so I think I got my APRS packet up to the satellite
> tonight around 7:00PM.
>
> Now how do I confirm it got there?
> Yes, I got the POS beep on my Kenwood 700.
>
> Is there a website to go to?
>
> Thanks.
>
> Maurice
> KF6USM
>

I heard you in Las Vegas, 215 miles away!

Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: SUNSAT in APRS mode NOW!

From: Jon McClintock <jammer@weak.org>
Date: Sat, 7 Oct 2000 07:31:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-113524-2000.10.07-09.41.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was beaconing a few times last night on the 19:02 PST pass... Did
anyone catch me? I've only got a D7A (no [G]), so I couldn't recieve
at the same time.

-Jon
KG6AMG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] Re: SUNSAT in APRS mode NOW!

From: "Byon Garrabrant" <byon@mail.com>
Date: Sat, 7 Oct 2000 08:25:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-113530-2000.10.07-10.36.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7 Oct 00, at 7:31, Jon McClintock wrote:

>
> I was beaconing a few times last night on the 19:02 PST pass... Did
> anyone catch me? I've only got a D7A (no [G]), so I couldn't recieve
> at the same time.
>
> -Jon
> KG6AMG
>

Hi Jon,

  I got you in Las Vegas, 404 miles

Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] More measurements on TH-D7A

From: "Johann Lochner" <lochner@ing.sun.ac.za>
Date: Sat, 7 Oct 2000 20:24:03 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113558-2000.10.07-13.33.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,

> I gave it a GOOD honest try. Copied packets from horizon to
> horizon on my HT whip. BUT only saw KB2WQM (who runs an OSCAR
> array) and KB8GVQ mobile with a D700. I was beaconing away with
> 5w and 9600 throughout*.
>
> Conclusion: 5w and a whip ain't workin at 9600 (I was acutally on
> L power for the 1st half before I realized I was seeing the VHF "H"
> and my UHF transmit side was actually on "L".
>
> ALthough I have been using the HT on UO22 and SUNSAT mode J for the
> last 6 months and it works fine, remember that THIS EXPERIMENT is
> using mode B which has a TREMENDOUS 2 meter downlink, but pays a
> 9dB penalty on the UHF uplink.   THus, 5 watts (at 9600 baud) just
> wont do it...

I'm still not convinced that it's a link budget issue. With around 8
watts into its monopole Sunsat telemetry is easily copied in Mode J.
Its UHF receivers are as sensitive as any you'll find, using the same
monopole in Mode B. With similar power, my guess is that you should
be able to get in with a whip.

As indicated in some messages to this group in June, the TH-D7A's 9k6
modem seems at fault (especially through the UHF transmitters). A
graphical summary (129 kB) of measurements done today is available as
<http://esl.ee.sun.ac.za/~lochner/aflaai/oogtoets.zip>.

73 de ZR1CBC, Johann

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  e-pos: lochner@ing.sun.ac.za
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] Re: More measurements on TH-D7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 7 Oct 2000 15:06:26 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-113563-2000.10.07-14.15.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 7 Oct 2000, Johann Lochner wrote about experience with SUNSAT 9600
baud Mode B uplink:

> I'm still not convinced that it's a link budget issue. With around 8
> watts into its monopole, Sunsat telemetry is easily copied in Mode J.
> Its UHF receivers are as sensitive as any you'll find, using the same
> monopole in Mode B. With similar power, my guess is that you should
> be able to get in with a whip.

But that example takes an 8 dBi or so receive antenna on the ground in the
middle of the pass (6 dB closer). For horizon to horizon coverage, my
experience has been that I need about a 10 to 12 dB gain antenna for
reliable copy down to the horizon.

Thus, now in mode B with an HT with a whip on the uplink (no gain), that 8
to 12 dB is missing. SO I had to pick up the same link margin by going
to 1200 baud and picking up about 7 dB. Hummh... so these numbers appear
to me to be somewhat consistent...

de WB4APR,Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] SUNSAT

From: "Maurice Cuellar" <taprham@calmed.com>
Date: Sat, 7 Oct 2000 16:53:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113598-2000.10.07-19.03.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK so I am so happy I made it onto the satellite.
Thats so great!

So now that I made my first satellite contact.
Whats the next step?
I was able to beacon the satellite, but how do I send a message
to everyone? Or save a message onto the satellite.
How about crash the computer?...ok well I wont go that far.
Then the fun would be over for me and everyone. ;-)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] D700 voice synth on APRS

From: "Andrew Witham" <awitham@searcher.org>
Date: Sat, 7 Oct 2000 22:39:10 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113672-2000.10.08-01.23.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought that the D700 announced new stations in APRS mode when the VS-3
was fitted. The main instruction book refers to p28 in the Specialised
Communications book - but p28 (nor any other that I can find) in that book
mentions the VS-3. Can anyone point me to a menu setting somewhere - or
correct my understanding of that the VS-3 does in APRS mode

Drew
Andrew Witham W1SAR
Shasta County Emergency Coordinator
Amateur Radio Emergency Service
http://www.scares.cc
packet w1sar@kd6dg

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] Re: SUNSAT in APRS mode NOW!

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sun, 08 Oct 2000 09:15:58 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-113677-2000.10.08-03.27.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > I have logged SUNSAT the last days with very strong signals, but there where
> > no calls in APRS mode except SUNSAT-3 over Europe ..... Where are the
> > EU-hams to experiment in APRS via satellites ?

I must have had my head in a bucket, cos this is the first Ive seen about it. :(

If you have the orbital data, that would make a good tagline to your announcement

SO-35
1 25636U 99008C   00271.90050573 .00000736 00000-0 20642-3 0 02375
2 25636 096.4498 091.1473 0151136 216.0823 143.0120 14.41445188083886

is the latest I have
Carl
gw0tqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] Re: SUNSAT in APRS mode NOW!

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sun, 08 Oct 2000 09:36:28 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-113678-2000.10.08-03.44.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I may have cobbled it up .. but this COULD be the pass data for sunsat for
the UK.

18.00 GMT (17.00 BST) looks good for sunday

Carl gw0tqm

STSORBIT PLUS Data Output to STSPLUS.LOG, Data = 9

	--------#25636 AOS-------			--MAX VISIBILITY--			------LOS------		
#	GMT Date & Time	Azm	GMT Time	Alt	Azm	GMT Time	Azm	Duration	V
1	08 OCT 00 16:20:37	25.9	16:26:22	12	80.3	16:31:48	134.6	0:11:11	
2	08 OCT 00 17:59:06	12.2	18:06:19	79	102.1	18:13:03	190.3	0:13:57	*
3	08 OCT 00 19:38:28	3.1	19:44:43	19	302.8	19:50:38	241.5	0:12:10	*
4	08 OCT 00 21:18:46	350.8	21:21:47	2	325.4	21:24:42	300.1	0:05:56	
5	09 OCT 00 02:05:07	76.2	02:09:29	5	41.0	02:13:46	5.0	0:08:39	*
6	09 OCT 00 03:39:44	128.3	03:46:52	27	62.3	03:53:45	355.2	0:14:01	*
7	09 OCT 00 05:17:40	175.5	05:25:32	64	260.4	05:33:04	346.6	0:15:24	*
8	09 OCT 00 06:59:22	227.9	07:05:28	12	279.9	07:11:28	333.1	0:12:06	
9	09 OCT 00 15:41:27	37.3	15:45:21	4	71.6	15:49:02	105.3	0:07:35	
10	09 OCT 00 17:18:59	16.7	17:25:55	36	93.2	17:32:26	169.5	0:13:27	
11	09 OCT 00 18:58:06	6.6	19:04:55	35	294.2	19:11:22	221.0	0:13:16	*
12	09 OCT 00 20:37:54	356.7	20:42:31	7	316.0	20:46:56	275.1	0:09:02	*
13	10 OCT 00 01:28:02	49.6	01:30:17	1	31.7	01:32:35	13.3	0:04:33	
14	10 OCT 00 03:00:54	108.6	03:07:10	15	54.2	03:13:14	358.8	0:12:20	*
15	10 OCT 00 04:37:32	156.8	04:45:21	68	73.3	04:52:47	350.2	0:15:15	*
16	10 OCT 00 06:17:35	205.6	06:24:45	24	271.9	06:31:40	339.5	0:14:05	*
17	10 OCT 00 08:03:39	277.5	08:05:39	1	293.0	08:07:44	309.4	0:04:05	

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] RE: D700 voice synth on APRS

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sun, 8 Oct 2000 08:43:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113695-2000.10.08-08.52.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Drew,
.
The note at the bottom right of page 28 instructs you to use Menu 1-2-4 when
using the VS-3 to select APRS only.

My D700 announces only origination call signs of messages addressed to me, and
text in the payload that begins with %

It would be nice to have it announce new stations but I haven't found a way to
do this.

Bill KC9XG

On Sunday, October 08, 2000 12:39 AM, Andrew Witham [SMTP:awitham@searcher.org]
wrote:
> I thought that the D700 announced new stations in APRS mode when the VS-3
> was fitted. The main instruction book refers to p28 in the Specialised
> Communications book - but p28 (nor any other that I can find) in that book
> mentions the VS-3. Can anyone point me to a menu setting somewhere - or
> correct my understanding of that the VS-3 does in APRS mode
>
> Drew
> Andrew Witham W1SAR

.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] Re: SUNSAT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 8 Oct 2000 12:46:35 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-113724-2000.10.08-11.56.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 7 Oct 2000, Maurice Cuellar wrote:

> OK so I am so happy I made it onto the satellite. Thats so great!
> So now that I made my first satellite contact.
> Whats the next step?
> I was able to beacon the satellite, but how do I send a message
> to everyone? Or save a message onto the satellite.

Just like any APRS Message, Bulletin, Announcement, or Email.
Its only a digipeater in the sky. WIth it you can do anything you can do
on APRS but your range is over 1500 miles, not 20.

For satelite work it is best to set your MESSAGE GROUPS to "*" so that
your THD7(G) and D700 will capture all messages betwwen everyone so you
can read the mail...

Do NOT expect any ACKS. If you see your outgoing packet digipeated by the
satelite say twice, then you can assume the other person got it...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Digipeat SUNSAT?

From: "Maurice Cuellar" <taprham@calmed.com>
Date: Sun, 8 Oct 2000 10:38:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113736-2000.10.08-12.43.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do I setup my Kenwood 700 to digipeat
all the APRS traffic my radio can pickup from the Los
Angeles Area onto the Satellite?

And sorry for this question but I am a little new to this
APRS, but how do I send a Bulletin or Announcement,
and when is it proper to send either.

I know how to send an email and messages.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Re: Digipeat SUNSAT?

From: "Mike Edwards" <medwards@atlantic.net>
Date: Sun, 8 Oct 2000 13:48:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113739-2000.10.08-12.56.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Seems like by trying to digi all that traffic through the Sat that it would
badly clog the uplink, denying other potential users (those TRYING to get
into Sunsat) the opportunity to digi their packets.

Just a thought..

Mike KE4YGT

----- Original Message -----
From: Maurice Cuellar <taprham@calmed.com>

> How do I setup my Kenwood 700 to digipeat
> all the APRS traffic my radio can pickup from the Los
> Angeles Area onto the Satellite?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Re: Digipeat SUNSAT?

From: "Maurice Cuellar" <taprham@calmed.com>
Date: Sun, 8 Oct 2000 11:11:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113743-2000.10.08-13.16.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike,

I appreciate your concern, I wouldnt want to clog the satellite either.
My goal is to experiment and I think that is the goal of the SUNSAT
even being in orbit. With only seeing a few call signs going up onto the
satellite I thought it would intresting see all those call signs show up.
I was only planning on trying it once, the next time the satellite.

Maurice
KF6USM

P.S. Comments welcome. Im very flexible and go with the flow.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Re: Digipeat SUNSAT?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 8 Oct 2000 23:32:46 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-113840-2000.10.08-22.41.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 8 Oct 2000, Maurice Cuellar wrote:

> How do I setup my Kenwood 700 to digipeat
> all the APRS traffic my radio can pickup from the Los
> Angeles Area onto the Satellite?

Think about that. You would kill the golden goose for everyone.

> And sorry for this question but I am a little new to this
> APRS, but how do I send a Bulletin or Announcement,
> and when is it proper to send either.

See the topic in any manual, book. paper, or instructions about APRS.
THey all address the issue
>
> I know how to send an email and messages.

SImply send your message to BLN# for announcements or BLN@ for bulletins.
In this application, the differences are meaningless..

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Re: D700 voice synth on APRS

From: "Ronald G. Parsons" <w5rkn@amsat.org>
Date: Mon, 09 Oct 2000 06:52:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113899-2000.10.09-07.01.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a little note on the bottom of page 28 of the "Specialized"
manual. Easy to miss.

See also page 62 and 73 in the main manual.

Use the pdf form of the manuals and search with the Find command
--
Ron Parsons
W5RKN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] Re: D700 voice synth on APRS

From: Arte Booten <n2zrc@webspan.net>
Date: Mon, 09 Oct 2000 12:14:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-113959-2000.10.09-12.49.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Andrew W. mentioned:

>... the VS-3.

     Does anyone know if this is the same sub-fingernail-size voice chip
used in the TM-V7a? If so, I've got one ... and it serves no purpose to
me in that radio other than to tell me stuff I can already see. I'd ra-
ther transplant it into my new D-700.   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] Re: D700 voice synth on APRS

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Mon, 9 Oct 2000 18:34:24 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-113995-2000.10.09-17.43.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Same VS-3 chip for both radios. I have one in each of my radios, V7a,
D-700a, and TS-570s/g

----- Original Message -----
From: "Arte Booten" <n2zrc@webspan.net>

>   Does anyone know if this is the same sub-fingernail-size voice chip
> used in the TM-V7a? If so, I've got one ... and it serves no purpose to
> me in that radio other than to tell me stuff I can already see. I'd ra-
> ther transplant it into my new D-700.   73

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] Re: D700 voice synth on APRS

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 09 Oct 2000 17:54:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-113997-2000.10.09-18.03.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ron Karger AB8DT wrote:
>
> Same VS-3 chip for both radios. I have one in each of my radios, V7a,
> D-700a, and TS-570s/g
>
> ----- Original Message -----
> From: "Arte Booten" <n2zrc@webspan.net>
>
> > Does anyone know if this is the same sub-fingernail-size voice chip
> > used in the TM-V7a? If so, I've got one ... and it serves no purpose to
> > me in that radio other than to tell me stuff I can already see. I'd ra-
> > ther transplant it into my new D-700. 73
>
> ---

Interesting, as I am about to obtain one of these at
AES tomorrow. Does one need to leave the volume set up
to hear all the brapping to hear the VS-3. I would
think this would be a bad trade off.

Thanks

--

Are we having fun yet?
73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] Re: D700 voice synth on APRS

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Mon, 9 Oct 2000 19:41:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-114008-2000.10.09-18.50.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No, it is a menu setting. Menu 1-2-5
Ron AB8DT

> Does one need to leave the volume set up
> to hear all the brapping to hear the VS-3. I would
> think this would be a bad trade off.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] Re: D700 voice synth on APRS

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 09 Oct 2000 18:53:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-114009-2000.10.09-19.02.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Ron, That helps.. I am stopping at AES tomorrow as
planned then, hi...

Robbie

Ron Karger AB8DT wrote:
>
> No, it is a menu setting. Menu 1-2-5
> Ron AB8DT
>
> > Does one need to leave the volume set up
> > to hear all the brapping to hear the VS-3. I would
> > think this would be a bad trade off.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] SO-35

From: Robert Michaud <r.michaud@glumac-sf.com>
Date: Tue, 10 Oct 2000 10:48:27 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114152-2000.10.10-12.58.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,

I finally was able to receive SO-35 early this morning while I was catching some Z's. I was pleased even shocked to find WB4ARR-7 in my THD7G's heard list. The status was "1200bd, stock whip!" but no position report. I also received WB4ARR-7's bulletin 3.

I had my machine on to receive the Oct. 10, 1122Z, 1300Z, and 1440Z passes. I presume it was the 1122Z pass; 7+ degrees above the horizon! Bob can you confirm that you were transmitting at that time??

I was using a K5OE 2M 3/8 wave vertical next to a east window on the second floor which helped.

Oh by the way I am in CM87SS, AKA, Baghdad-by-the-Bay.

Robert, KD6INI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: SO-35

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 10 Oct 2000 15:05:40 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-114171-2000.10.10-14.15.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 10 Oct 2000, Robert Michaud wrote:

> I finally was able to receive SO-35 early this morning...
> I was pleased even shocked to find WB4ARR-7 in my THD7G's heard
> list. The status was "1200bd, stock whip!" but no position report.

ARGH! A week and I still forget to enter my posit.. Duh...

> I had my machine on to receive the Oct. 10, 1122Z, 1300Z, and 1440Z passes.
> I presume it was the 1122Z pass; 7+ degrees above the horizon! Bob can you
> confirm that you were transmitting at that time??

Yes, I was running to class and between buildings punched the BCON button a few times with my thumb...

de WB4APR, BOb

(to be honest, "several" times, but with the D7 and D700 youur log only shows the last one, not how many...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] OPAL Also does APRS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 10 Oct 2000 16:55:10 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114188-2000.10.10-16.04.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Remember a month ago when OPAL offered to enable DIGIpeat for APRS, but
then only their own ground station was allowed because of the BUDLIST.
THey now say they have opened up the budlist so it is ready for another
test. Just digipeat VIA KF6RFX on 437.100 with DOppler BOTH UP AND DOWN!

```
Meaning  XMIT     RECEIVE
         437.090  437.110
         437.095  437.105
         437.100  437.100
         437.105  437.095
         437.110  437.090
```

OPAL is object number 26063 and these days comes over between 8 AM to 1 PM
and 10PM to 2 AM local sun time (daylight savings time).

Let us know if it works this time..

de WB4apr, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] RE: SO-35

From: "ELLIOTT, BRUCE" <BRUCE.ELLIOTT@TCCD.NET>
Date: Tue, 10 Oct 2000 20:08:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114223-2000.10.10-20.29.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am glad to hear that SO-35 SUNSAT can be heard. I have a d-700 and have
listened at what I thought were the correct times, (even the time published
for this last weekend) and I hear nothing. Not just can not connect, I her
nothing. Obviously I am doing something wrong. I routinely use the D-700
with aprs in the local area, so I have something right.

Any suggestions?

Bruce
KC5KYJ

-----Original Message-----
From: Robert Michaud [mailto:r.michaud@glumac-sf.com]
Sent: Tuesday, October 10, 2000 12:48 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] SO-35

Hi Folks,

I finally was able to receive SO-35 early this morning while I was catching
some Z's. I was pleased even shocked to find WB4ARR-7 in my THD7G's heard
list. The status was "1200bd, stock whip!" but no position report. I also
received WB4ARR-7's bulletin 3.

I had my machine on to receive the Oct. 10, 1122Z, 1300Z, and 1440Z passes.
I presume it was the 1122Z pass; 7+ degrees above the horizon! Bob can you
confirm that you were transmitting at that time??

I was using a K5OE 2M 3/8 wave vertical next to a east window on the second
floor which helped.

Oh by the way I am in CM87SS, AKA, Baghdad-by-the-Bay.

Robert, KD6INI

You are currently subscribed to htaprs as: bruce.elliott@tccd.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] 9.6kb Audio from D7A

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Wed, 11 Oct 2000 10:53:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114386-2000.10.11-11.02.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know if the D7's earphone jack passes sufficient audio
bandwidth to support an external 9.6kbs modem? I have several hurdles
to clear to get a full-time Sat-Gate in operatiom:
1. get 9k6 soundcard modem working on Linux box. This means I need a
known good audio source for 9.6k packets, thus the need for the D7.
2. modify my FT-530 which is currently serving as the AB0OO-14 Igate
transciever to pass 9.6kbs audio, and feed it to the soundcard modem.
3. cobble up another version of aprsd to run coexist with the aprsd
that listens to the 1.2kbs terrestrial aprs network, and crossfeed the
satgate packets into the igate

  Has anyone ever worked 9k6 packet with a Yeasu FT-530? How about a
Icom W2AT? My choices of radio are pretty slim, obviously.

John Gorkos
AB0OO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Rad Shack Connector

From: "Bob Hart" <rahart@hctc.com>
Date: Wed, 11 Oct 2000 10:58:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114432-2000.10.11-13.21.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Awhile back someone noted that Radio Shack now has a nice 2.5 mm (3/32 inch)
90 degree stereo plug. PN 274-298. After looking in three different stores
and finding no peg hook between 274-292 and 300, someone finally asked me,
"Did you find everything?" My response was "No". A quick computer check
indicated available stock. Come to find out, the plugs are with those shiny
gold plated ones "designed to enhance the performance of your audio and
video components". Duh....I hope it does the same for my D7A.

Just thought I would pass this on to save some of you some shoe leather.

Bob Hart, WA7HRA
Hoodsport, WA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] RE: 9.6kb Audio from D7A

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Wed, 11 Oct 2000 11:30:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114433-2000.10.11-13.35.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi John,

I'm confused as to why you need received audio from the TH-D7 - why not use
the internal TNC and feed the serial data to the computer? It's been a

while, but I think KISS receive may work, if that's the issue.

Also, from what I've heard of the audio quality from my TH-D7, and my
experience with 9k6 operation (about 7 years) the output from the handheld's
earphone jack won't cut it - that audio is already de-emphasized.

Also, if all you're looking for is receive, you'd probably be better off
with a scanner, modifying it to add a discriminator output port. More room
to work, too!

As for uplink issues, most of the FM-only radios with PLL frequency control
modulate that PLL to acheive deviation - and due to the nature of the PLL to
try to remove frequency errors so they stay locked, they tend to 'undo' the
low frequency components of 9k6 modulation, severely distorting the
transmited signal. The result is usually a very high bit error rate, to the
point that even across the bench, a good receiver has trouble copying a PLL
transmitter. Crystal-controlled transmitters, or radios that have a
seperate oscillator (from the PLL) that is FMed are the best commonly
available choices for 9k6 transmit.

Hope that helps!

73, Bob
-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of John Gorkos
Sent: Wednesday, October 11, 2000 8:54 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] 9.6kb Audio from D7A

Does anyone know if the D7's earphone jack passes sufficient audio
bandwidth to support an external 9.6kbs modem? I have several hurdles
to clear to get a full-time Sat-Gate in operatiom:
1. get 9k6 soundcard modem working on Linux box. This means I need a
known good audio source for 9.6k packets, thus the need for the D7.
2. modify my FT-530 which is currently serving as the AB0OO-14 Igate
transciever to pass 9.6kbs audio, and feed it to the soundcard modem.
3. cobble up another version of aprsd to run coexist with the aprsd
that listens to the 1.2kbs terrestrial aprs network, and crossfeed the
satgate packets into the igate

  Has anyone ever worked 9k6 packet with a Yeasu FT-530? How about a
Icom W2AT? My choices of radio are pretty slim, obviously.

John Gorkos
AB0OO

You are currently subscribed to htaprs as: kd7nm@pugetsound.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] Sunsat 10th Oct

From: "Karl G6ODT" <g6odt@btinternet.com>
Date: Wed, 11 Oct 2000 22:25:08 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114458-2000.10.11-16.34.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As you can see below receiving SUNSAT isn't a problem but getting
signals thru it seems difficult at present.

Have tried APRSAT ,SUNSAT ,& SUNSAT-3 but no luck.
A local station was having lots of luck the other night using
SUNSAT.

Running the program in Mode B with full 50W into a triband colinear
giving 6.2db on 2m and around 8.4db on 70cm with no preamps

11/10/00 03:23:40 SO-35 436.28500 AZ 82 EL 4

```
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v: up=20/16:55:7,
rst=w,------------
11/10/00 03:26:40  SO-35  436.29000  AZ  56  EL  9
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/168,
rst=w,------------
11/10/00 03:27:40  SO-35  436.29000  AZ  45  EL  9
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/16:59:8,
rst=w,------------
11/10/00 05:02:42  SO-35  436.28500  AZ  119  EL  28
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/18:34:10,
rst=,------------
11/10/00 05:03:42  SO-35  436.28500  AZ  108  EL  35
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/18:35:10,
rst=,------------
11/10/00 05:07:42  SO-35  436.30000  AZ  13  EL  25
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/18:39:10,
rst=,------------
11/10/00 06:36:43  SO-35  436.28125  AZ  193  EL  0
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/20:08:13,
rst=,------------
11/10/00 06:37:43  SO-35  436.28125  AZ  196  EL  4
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/20:09:13,
rst=,------------
11/10/00 06:38:43  SO-35  436.28125  AZ  200  EL  8
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/20:10:13,
rst=,------------
11/10/00 06:41:43  SO-35  436.28500  AZ  220  EL  23
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/20:13:13,
rst=,------------
11/10/00 06:42:43  SO-35  436.28750  AZ  234  EL  29
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=20/20:14:13,
rst=,------------
11/10/00 20:20:21  SO-35  436.28500  AZ  342  EL  11
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=21/09:51:058,
rst,------------
11/10/00 20:22:21  SO-35  436.28750  AZ  321  EL  17
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=21/09:53:058,
rst,------------
11/10/00 20:24:21  SO-35  436.29375  AZ  287  EL  17
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=21/09:55:058,
rst,------------
11/10/00 20:25:21  SO-35  436.29500  AZ  272  EL  14
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=21/09:56:058,
rst,------------
11/10/00 20:26:21  SO-35  436.29500  AZ  260  EL  10
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=21/09:57:058,
rst,------------
11/10/00 20:27:21  SO-35  436.30000  AZ  251  EL  6
SUNSAT-3  ------S  -------W  Beacon text =  ------,OBC1v8: up=21/09:58:058,
rst,------------

73 Karl G6ODT
g6odt@btinternet.com
http://members.tripod.com/~g6odt/packet.html
24hr Relay/Wide/TraceN-n enabled

Beta testing [###--[RealDigi]--###](C)G7JGQ

---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.193 / Virus Database: 93 - Release Date: 19/09/00


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

43. [htaprs] Re: Sunsat 10th Oct

```
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 11 Oct 2000 18:21:32 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-114462-2000.10.11-17.30.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

On Wed, 11 Oct 2000, Karl G6ODT wrote:

> As you can see below receiving SUNSAT isn't a problem but getting
> signals thru it seems difficult at present.
> Running the program in Mode B with full 50W into a triband colinear
> giving 6.2db on 2m and around 8.4db on 70cm with no preamps

A 20" whip would do 6 dB better. Your 8.4db colinear "gain" antenna,
is designed to put all that energy on the horizon where SUNSAT is at
least 6 to 10 dB further away.

But when SUNSAT is 6 to 10 dB closer, (say above 30 deg) the pattern on
your colinear is probably 6 to 10 dB down as well. So your colinear could
be the problem.

Use just a 3/4 wave whip (a 19.75" whip) to get plenty of high angle gain
(8dBi) when the satelite is 6 to 10 dB closer (above 30 deg) and you cant
get much better than that. Note that the 19.75 inch whip is also a
perfect satellite antenna on 2 meters also (1/4 wave).

That is the big problem I have had in getting people to try these
satellites, they all have "gain" mobile antennas, which are designed NOT
to have any gain UP.... THus, they dont see what I am seeing...

Now the difference is only a few dB, but with satellites and digital
thresholds, it does make a difference..

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] Re: Sunsat 10th Oct

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Wed, 11 Oct 2000 16:52:26 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114470-2000.10.11-19.01.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Use just a 3/4 wave whip (a 19.75" whip) to get
> plenty of high angle gain

How would the Radio Shack (ok - it's less then
optimum but I have one) discone work? It has a
"cap" that might restrict the higner angle radiation.
On the other hand, the lower elements slope up.

Bill

_____
Do You Yahoo!?
Get Yahoo! Mail - Free email you can access from anywhere!
http://mail.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] Re: Sunsat 10th Oct

From: Dale Blanchard <bolero@accessnv.com>
Date: Wed, 11 Oct 2000 18:14:37 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-114488-2000.10.11-20.15.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

angle gain
> (8dBi) when the satelite is 6 to 10 dB closer (above 30 deg) and you cant
> get much better than that. Note that the 19.75 inch whip is also a
> perfect satellite antenna on 2 meters also (1/4 wave).
>
I just moved my mobile into the house to do some programing.

I have a 19 in gp on the vent pipe.
_____Now I dont know which mode sunsat is in.____ It said till the
10th,but I cant find any info.
My SWR on 436.290 is high. I can reajust the ant ,but it is way up there
and I am old. The truck will have to do.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: Sunsat 10th Oct

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 12 Oct 2000 03:04:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114555-2000.10.12-03.14.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:52 PM 10/11/00, Bill Vodall wrote:

>How would the Radio Shack (ok - it's less then
>optimum but I have one) discone work? It has a
>"cap" that might restrict the higner angle radiation.
>On the other hand, the lower elements slope up.

Bill, I have found that the RS discone works pretty well on passes close to
the horizon at least for receiving (up to about 45 degrees). I was
actually quite pleased that on a low 20 degree pass I was copying data
starting when the satellite hit about 6 degrees above the horizon. I have
been unsuccessful using a discone to TX thru the satellite though with my
TH-D7. But on low passes the satellite is pretty far away. Like 800-1000
nautical miles. It beats standing outside in 15 degree weather at 6:00 AM
with a whip antenna, which I did last Sunday.

In the future you might not want to mention that you got your antenna from
Radio Shack. There is a certain percentage of people on this SIG who think
that hams who buy premade stuff from Radio Shack are not worthy of the
hobby. Tell them you copied the Radio Shack discone design and made it
yourself out of welding rod and beer cans. In their eyes you will be so
much more of a ham then. You might not want to bother trying to use the
satellite at 6:00 AM either, as most other hams are still in bed (probably
from staying up late building vintage Heathkit TV's).

But hey, I'm just a lazy young punk who bought his way into this
hobby. (or so I'm told) :)

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Re: Sunsat 10th Oct

From: "Henry Moseley" <hmose@sover.net>
Date: Thu, 12 Oct 2000 12:31:02 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114600-2000.10.12-11.42.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark, you're right about 6AM

But N3OBQ and VA3DMK will be pleased to know that they made it through
SUNSAT this AM, and W1HO last evening. You are not alone!!

73's, Henry KA1RRT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] gps data output of D-700

From: rwf@mindspring.com
Date: Thu, 12 Oct 2000 15:00:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-114613-2000.10.12-14.10.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone know if the repeat of the GPS data to the RS232 continues when the mode is changed from Packet to APRS on the 700?

The user wants to use APRS mode in the radio for the APRS functions and to use Street Atlas in its native form for navigation. So he wants it to still echo the GPS data out the rs232 port all the time.

I checked the docs on the radio (at least in the specialized manual) and can't even see where that mode set is done. I remember setting it, though, when I set up the D7 to use with APRS+

I can't check my own setup right now because the different pieces are locked up in different places

Ralph

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] Re: Sunsat 10th Oct

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 12 Oct 2000 15:39:08 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-114622-2000.10.12-14.48.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 11 Oct 2000, Bill Vodall wrote:

>
> > Use just a 3/4 wave whip (a 19.75" whip) to get
> > plenty of high angle gain

> How would the Radio Shack (ok - it's less then
> optimum but I have one) discone work? It has a
> "cap" that might restrict the higner angle radiation.
> On the other hand, the lower elements slope up.

It will be at least 3 to 6 dB worse and every dB helps.
The 19" whip is 3/4 with a gain of 8 dBi above 30 deg on 435 MHz

THe discone is jsut a broad band dipole and so its gain is betwen 2 to 3 dBi. Not the 8 dBi of the whip.

It takes about 10 minutes to make one. Just dril a hole in anything metalic that is a few feet across, stick a BNC connector in the hold and solder a 19.75 inch piece of copper wire in it. Done..

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] SUNSAT overnight test!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 12 Oct 2000 19:27:42 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-114637-2000.10.12-18.37.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 12 Oct 2000, Henry Moseley wrote:

> But N3OBQ and VA3DMK will be pleased to know that they made it through
> SUNSAT this AM, and W1HO last evening. You are not alone!!

To make some noise, tonight I am going to set up a copy of APRSdr that

will maintain a DR track on all the GAS balloonos and uplink them once a
minute to SUNSAT. Leave your D700's and D7(g) on 145.825 APRS mode
9600 baud when you go to bed tonight and see if you see them in the
morning.

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] RE: SUNSAT overnight test!

From: Bill Diaz <billdiaz@megsinet.net>
Date: Thu, 12 Oct 2000 18:57:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114647-2000.10.12-19.07.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,
  At present, only 2 trackers appear to be getting into APRServe. The other 7
have locations that are 2 + hours old. One of these was reported dead last
night. I suspect that another died in S. Wisconsin while I was copying it
direct this afternoon.

It will be interesting to analyze the tracks to see where the coverage holes
are. I noticed that the balloons and chase vehicles appear to be using
Wide5-5. The chase vehicles would certainly have benefited by also using
relay.

Bill KC9XG

On Thursday, October 12, 2000 6:28 PM, Bob Bruninga
[SMTP:bruninga@nadn.navy.mil] wrote:
> On Thu, 12 Oct 2000, Henry Moseley wrote:
>
>
> To make some noise, tonight I am going to set up a copy of APRSdr that
> will maintain a DR track on all the GAS balloonos and uplink them once a
> minute to SUNSAT. Leave your D700's and D7(g) on 145.825 APRS mode
> 9600 baud when you go to bed tonight and see if you see them in the
> morning.
>
> Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] Re: Sunsat 10th Oct

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 12 Oct 2000 23:00:11 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-114666-2000.10.12-22.09.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 12 Oct 2000, Dale Blanchard wrote:

> > A 20" whip would do 6 dB better. Your 8.4db colinear "gain" antenna,
> > is designed to put all that energy on the horizon.... not up...
> >
> > Use just a 3/4 wave whip (a 19.75" whip) to get plenty of high angle
> > gain (8dBi) when the satelite is 6 to 10 dB closer (above 30 deg)
> >
> Does this mean I should have been using a 2 meter whip on 450 mhz
> instead of the 6.5 inch whip all these years. Our repeaters are so high
> we have to buy antennas with downtilt.

I dont think so, 30 degrees is WAY up there, and what comes off the
horizon of the 20" whip is probably down more than 10 dB, so it would be
useless on flat ground...

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] Re: [rwf@mindspring.com] gps data output of D-700

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Fri, 13 Oct 2000 08:49:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-114753-2000.10.13-09.06.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Anyone know if the repeat of the GPS data to the RS232 continues when the mode
>is changed from Packet to APRS on the 700?

On the THD7-A the command is "GPSTEXT $GPRMC" to tell it to send GPS data
while in packet mode. This apparently does not work in kiss mode
though...sigh... Would have been nice to be able to get $GPRMC stuff and
still do digipeating while mobile... Some day, we'll loose all the digi's in
a big storm and be all the more wiser....

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] RE: SUNSAT overnight test!

From: "Johnson, James" <jim_johnson@agilent.com>
Date: Fri, 13 Oct 2000 09:18:19 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-114772-2000.10.13-11.28.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I followed Bob's advice, left the radio on overnight,
and found the following on the D700 screen this morning. At
1240Z, SUNSAT-3 appeared on my list and left the following
STATUS message (I have no idea what it all means - this is
new to me). The STATUS message field was the only one that
had any data in it. I am in Silicon Valley (San Jose), CA.

   OBC1v8: up=0/08:43:16, rst=p

73,
Jim W6SC

 Jim Johnson
 Agilent Technologies
 jim_johnson@agilent.com
 "Innovating the HP Way"

> -----Original Message-----
> From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
> Sent: Thursday, October 12, 2000 4:28 PM
> To make some noise, tonight I am going to set up a copy of APRSdr that
> will maintain a DR track on all the GAS balloonos and uplink
> them once a
> minute to SUNSAT. Leave your D700's and D7(g) on 145.825 APRS mode
> 9600 baud when you go to bed tonight and see if you see them in the
> morning.
>
> Bob
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] RE: SUNSAT overnight test!

From: Dale Blanchard <bolero@accessnv.com>
Date: Fri, 13 Oct 2000 10:33:01 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-114787-2000.10.13-12.33.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Johnson, James" wrote:
>
> I followed Bob's advice, left the radio on overnight,
> and found the following on the D700 screen this morning. At
> 1240Z, SUNSAT-3 appeared on my list and left the following
> STATUS message (I have no idea what it all means - this is
> new to me). The STATUS message field was the only one that
> had any data in it. I am in Silicon Valley (San Jose), CA.
>
> OBC1v8: up=0/08:43:16, rst=p
I got the same thing. Now I have to figure out what to do next.

Las Vegas NV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

56. [htaprs] SUNSAT overnight test

From: "Donald Meinen" <dmeinen@kc.rr.com>
Date: Fri, 13 Oct 2000 21:27:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-114881-2000.10.13-21.39.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I left my D700 on overnight too and this morning I found this on the screen:

SUNSAT-3>APRS:T#003,099,131,125,041,032,11100000
SUNSAT-3>APRS:T#005,099,134,198,041,040,11111110
SUNSAT-3>APRS:T#006,099,143,147,042,048,11000000
SUNSAT-3>APRS:>OBC1v8: up=0/08:39:16, rst=pwrn, Fri Oct 13 12:35:42 UTC 2000
SUNSAT-3>APRS:T#008,099,144,132,042,056,00000000
SUNSAT-3>APRS:T#011,099,132,169,040,040,11111000
SUNSAT-3>APRS:T#014,099,131,140,037,036,11000000
SUNSAT-3>APRS:T#021,099,132,176,041,088,11100000
SUNSAT-3>APRS:T#011,099,135,140,041,042,11100000

N3OBQ-8>3YST3W,SUNSAT-3*:'h\8l □K\]

I'm not sure what it all means, but its interesting. I am in Grandview, Mo,
near Kansas City.

73 Don, WA7SFL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] Re: SUNSAT overnight test

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 14 Oct 2000 09:33:32 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-114980-2000.10.14-08.42.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 13 Oct 2000, Donald Meinen heard sunsat on his D700:

> SUNSAT-3>APRS:T#003,099,131,125,041,032,11100000
> SUNSAT-3>APRS:T#005,099,134,198,041,040,11111110
> SUNSAT-3>APRS:T#006,099,143,147,042,048,11000000
> SUNSAT-3>APRS:>OBC1v8: up=0/08:39:16, rst=pwrn, Fri Oct 13 12:35:42 UTC 2000
> SUNSAT-3>APRS:T#008,099,144,132,042,056,00000000
> SUNSAT-3>APRS:T#011,099,132,169,040,040,11111000
> SUNSAT-3>APRS:T#014,099,131,140,037,036,11000000
> SUNSAT-3>APRS:T#021,099,132,176,041,088,11100000

> SUNSAT-3>APRS:T#011,099,135,140,041,042,11100000
> N3OBQ-8>3YST3W,SUNSAT-3*:'h\8l □K\]
>
> I'm not sure what it all means, but its interesting. I am in Grandview, Mo,
> near Kansas City.73   Don, WA7SFL

Here is the answer:
Here is how to interpret SUNSAT APRS Status and Telemetry packets:

>OBC1v8: up=20/01:49:17, rst=wdog, Tue Oct 10 11:18:06 UTC 2000

FIELD1: On Board Computer software version
FIELD2: Up time in Days, Hours, Minutes and Seconds
FIELD3: Reason for the last RESET (POWER-ON, TELECOMMAND, or WATCHDOG)
FIELD4: Onboard Clock Time

The SUNSAT APRS telemetry is sampled once every 4 minutes. Thus, in 24
samples, you get a full 98 minutes of data which constitues one orbit.
To give whole orbit data, the 24 sample telemetry buffer is transmitted
one packet every 9.6 seconds so that a complete set can be received in
just 4 minutes. THus the 000 packet is the current value and each
subsequent one is the previous 4 minute one:

SUNSAT-3>APRS:T#000,098,133,140,041,046,11100000
SUNSAT-3>APRS:T#001,099,138,110,041,038,11111111
SUNSAT-3>APRS:T#002,099,140,191,042,040,11111100... etc

Telemetry data is identified by a T# header , then a serial number, then
5 analog telemetry channels, and then 8 Binary Bits.

SERIAL#:   Whole Orbit buffer pointer (0 in the first example above),
CHANNEL1:   Battery state of charge percent (98 %)
CHANNEL2:   Battery voltage in 10ths of a volt (13.3 V)
CHANNEL3:   Battery charge current -128 in 10's of Milliamps
                (140 - 128)*10 = 120 ma
CHANNEL4:   Battery temperature in degrees C (41 øC),
CHANNEL5:   Top plate sun sensor reading (46, an uncalibrated value).
BINARY BITS: The last field indicates the state of the 8 solar panels
                (0: sourcing the power bus, 1: shunted, dumping energy).

The above telemetry was when SUNSAT was over Arkansas and it was just sunrise in
Maryland. Thus SUNSAT was in daylight even though Arkansas was in dark.

You are currently subscribed to aprssig as: bruninga@nadn.navy.mil
To unsubscribe send a blank email to leave-aprssig-10461M@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] TM-D700 digipeat only MY TH-d7

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 14 Oct 2000 12:50:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115028-2000.10.14-14.59.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

anyone know how to make the tmd700 when in digi mode to receive and retransmit me on my th-d7?

As it is now it re xmits anyone that it can hear.

i just want it to see kd8s-7 and digi my signal only and not congest the local aprs freq.

IF YOU KNOW HOW TO DO IT, PLEASE POST IT ON THE SIG FOR THE OTHER HAMS WHO HAVE THE SAME RIG.

73

STEVE SCOTT
LAS VEGAS

59. [htaprs] tmd-700 digi

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 14 Oct 2000 14:54:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115042-2000.10.14-17.03.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got out the kenwood tmd700 book page 22 programming a group code...went to aprs unprotocol removed apk101 and entered kd8s-7 (my thd-7) going to check it out now to see if it will ignore other aprs users and only digi my th-d7 which is what i want.

60. [htaprs] digi mode on tmd-700

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 14 Oct 2000 17:10:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115050-2000.10.14-19.18.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

5 07 pm pacific time

    well i have been sitting here since 1pm reading the tmd-700 and trying things.

i can't seem to find a comand to make the tmd-700 only digi my own signal from the th-d7

it receives everyone else and relays .

still looking for the answer on how to make the tmd-700 receive then digi just my kewood th-d7.

any ideas please post

kd8s las vegas

61. [htaprs] Re: digi mode on tmd-700

From: "Warren Norman N7SI" <N7SI@prodigy.net>
Date: Sat, 14 Oct 2000 16:59:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115054-2000.10.14-20.09.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve

I find your posting format to be very annoying. Red letters on red background cannot be seem.

Warren Norman, N7SI

wnorman@TSCNET.COM
  ----- Original Message -----
  From: STEVE SCOTT LAS VEGAS
  To: TAPR Hot Technology APRS
  Sent: Saturday, October 14, 2000 5:10 PM
  Subject: [htaprs] digi mode on tmd-700

  5 07 pm pacific time

      well i have been sitting here since 1pm reading the tmd-700 and trying things.

  i can't seem to find a comand to make the tmd-700 only digi my own signal from the th-d7

  it receives everyone else and relays .

  still looking for the answer on how to make the tmd-700 receive then digi just my kewood th-d7.

  any ideas please post

  kd8s las vegas

62. [htaprs] Re: digi mode on tmd-700

From: "Chris Arndt" <carndt@slonet.org>
Date: Sat, 14 Oct 2000 18:18:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115058-2000.10.14-20.28.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What about using CTCSS on the D7, and the D700?

********** REPLY SEPARATOR **********

On 10/14/00, at 5:14 PM, STEVE SCOTT LAS VEGAS wrote:

>This is a multi-part message in MIME format.
>
>5 07 pm pacific time
>
>   well i have been sitting here since 1pm reading the tmd-700 and trying
things.
>
>i can't seem to find a comand to make the tmd-700 only digi my own signal
from the th-d7
>
>it receives everyone else and relays .
>
>
>still looking for the answer on how to make the tmd-700 receive then digi
just my kewood th-d7.
>
>any ideas please post
>
>kd8s las vegas
>
>
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

63. [htaprs] how to make the tmd-700 digi one station

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 14 Oct 2000 19:33:09 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115065-2000.10.14-21.41.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

to make the tmd-700 digi only my signal, i go in on a frequency different than 144.39, the d-700 sees
my signal then xmits on 144.39 relay mode.

operate it like a repeater split.

works good.

kd8s
las vegas

64. [htaprs] html

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 14 Oct 2000 19:47:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115068-2000.10.14-21.56.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

sorry about that....i did not know about the html ...thanks for letting me
know

   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

65. [htaprs] Re: digi mode on tmd-700

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Sun, 15 Oct 2000 09:04:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-115141-2000.10.15-09.15.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just set the D700 to something other than relay

Use something like truck, car, and then in the D7 use the new alias of your
D700 in the digi path.

Dwight

-----Original Message-----
From: Chris Arndt [mailto:carndt@slonet.org]
Sent: Saturday, October 14, 2000 8:19 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: digi mode on tmd-700

What about using CTCSS on the D7, and the D700?

********** REPLY SEPARATOR **********

On 10/14/00, at 5:14 PM, STEVE SCOTT LAS VEGAS wrote:

>This is a multi-part message in MIME format.
>
>5 07 pm pacific time
>
>   well i have been sitting here since 1pm reading the tmd-700 and trying
things.
>
>i can't seem to find a comand to make the tmd-700 only digi my own signal
from the th-d7
>
>it receives everyone else and relays .
>
>
>still looking for the answer on how to make the tmd-700 receive then digi
just my kewood th-d7.
>
>any ideas please post
>
>kd8s las vegas
>
>
>
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: hazen@indiana.edu
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

66. [htaprs] Re: Small keyboard for Citadels

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 15 Oct 2000 11:40:53 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115152-2000.10.15-10.52.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wrote:

>I mentioned a small keyboard available from PFUCA, but didn't have the
>particulars on it as I do now.

to which Dave (K7IOU) replied:

>>I use a Dauphin keyboard with my citadel. Bought it new at Dayton for
>>$8.00.

so I asked him:

>Do you have a URL for them?

He didn't, but I found them in a Dutch Auction at E-bay for $11.45:

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=463695405

DAUPHIN Mini PS/2 Keyboard

Tiny and very light keyboard for pda's, mobile application
or small spaces like kiosks. Tiltable with an 8 inch cable.
Connection: PS2. (Right angle plug)
Keys: 82, Soft touch
Dimensions: 9.37" x 5.48" x 0.84"
BRAND NEW in Bulk Packaging
90 DAYS CCC WARRANTY

The seller had some 600 reviews, a dozen neutral and a dozen negative. Out of 600, you're bound to get two dozen disgruntled souls, I suppose. I've placed my bid at $11.50 ... I also think that once this bid's over, the seller will bring them back again (it seems to be a business, but I couldn't get on their website [http://www.allelec.com] as it kept timing out). BTW, the item goes off bid tomorrow (Monday) at 2:37 PM PDT.

The APRS connection here is that this keyboard is handy to use with Citadel Touch-Screen APRS computers. It's a continuation of a previous thread. I also have no connection with either Ebay or Allelec (or whatever the company's real name is). 73

+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York [FN30bu] !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] GPS Navigation Problems

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>

Date: Sun, 15 Oct 2000 09:10:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Garmin Techsupport" <techsupp@garmin.com>,
"Prior Tom KC7RFS" <teprior@tscnet.com>
Message-ID: <LYR845-115157-2000.10.15-11.21.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just returned from my early elk hunt and ran into an interesting GPS navigation problem and figured I should share it with the group before some newbie gets in trouble.

During this last week I was in the Ryderwood Hunting area in SW Washington and noticed that I had lots of problems getting a proper fix on my GPS during most of the day. I was using a Garmin III+ and even convinced myself that the GPS had died on me, but that was not the case. When I did get a fix, it was continuously drifting over an area of over a half mile. The GPS did not even display the proper direction for North! Even when I set it to North as up, it still pointed in different directions as I would move (even with my truck). It caused lots of confusion to say the least especially when my second III+ acted the same way.

This weird problem was caused by poor (insufficient) satellite coverage. Looking at the satellite screen, there were times I only had 5 satellites on the screen with none inside the 45 degree circle and I was in steep mountainous terrain. This virtually made the GPS useless for most of the time I spend in the woods. Previously, using my III+ in the mountains gave me a proper fix 99% of the times. On this trip it was less than 25% of the times that my GPS was even usable for navigation. Fortunately there were 4 or 5 satellites in the center circle late in the day when it was most crucial to get a good fix since I was several miles in the woods with no access roads.

The bottom line is, GPS Navigation is great, however, make sure you do not rely on your GPS for your only means of navigation in the back country. You

must still know how to use and actually use your old fashion compass for most of your navigation, otherwise, you might spend some unexpected times in the woods. Since I am from the old school, I still use my compass for most of my navigation and only use the GPS to get periodic updates of my location and corrections for my compass directions. Even when I did not get a fix, I still used the GPS Topo map in the background for information, so, I also advise you to periodically get a fix on your GPS so that you will at least know where you were earlier in the day and have the background map display the area you are in.

Just a word to the wise. If you are new to the outdoors and use your high tech GPS toys, you still need to learn how to use a compass and be able to navigate with only a compass should problems arise with your GPS or GPS coverage. I know this sounds stupid to the old timers, but I would hate to see more SAR activities on trying to locate lost hikers.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] tmd-700 digi sunday

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 15 Oct 2000 09:26:20 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115158-2000.10.15-11.35.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

got response to try a few settings to make my tmd700 digi ONLY my th-d7

tried this

put the tmd700 uidigi from relay to car repeated all traffic

put the tmd700 packet path from relay,wide to car repeated all traffic

changed unproto from apk101 to car repeated all traffic.

the only way for sure that it works to digi only me is to set up the base station and the handheld for reverse operation

any other ideas to try to make the tmd700 on 144.39 digi just my handheld (kd8s-9)

let me know.

my tmd700 is kd8s-7

73

   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] Re: GPS Navigation Problems

From: "stridr" <stridr@optonline.net>
Date: Sun, 15 Oct 2000 12:46:12 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115160-2000.10.15-11.56.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Herb,

Good advice. Mariners are taught to never depend on only one means of
navigation. Several years ago, a boater on Long Island Sound broke this
rule, and the end result was about seven dead people, 4 of whom were his own
family.

Too many "newbies" to boating and other activities involving the need for
navigation are either unaware of, or are disregarding, this basic tenet.

NEVER depend on only one form of navigation.

Howard

----- Original Message -----
From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
<snip>
> The bottom line is, GPS Navigation is great, however, make sure you do not
> rely on your GPS for your only means of navigation in the back country.
You
> must still know how to use and actually use your old fashion compass for
> most of your navigation, otherwise, you might spend some unexpected times
in
> the woods
<endsnip>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] tmd700 digi.

From: "Tom Hoedjes (HB9DOD)" <al0l@arrl.net>
Date: Sun, 15 Oct 2000 19:00:56 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115163-2000.10.15-12.10.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there,

When you put digipeat off .. does this include packet mode and aprs mode or
only aprs mode...

Try turning it off and put the 700 in aprs mode...

Maybe it digis in aprs when uidigi call is put in.. with an empty uidigi
call it is possible it is not be relaying anything..

just a thought.. didnt try it out...

73 de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

71. [htaprs] Re: tmd-700 digi sunday

From: "Tom Hoedjes (HB9DOD)" <al0l@arrl.net>
Date: Sun, 15 Oct 2000 19:20:49 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115166-2000.10.15-12.30.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:26 AM 10/15/00, you wrote:
>got response to try a few settings to make my tmd700 digi ONLY my th-d7
>
>
>tried this
>
>put the tmd700   uidigi from   relay   to car   repeated all traffic
>
>put the tmd700   packet path from relay,wide to   car   repeated all
>traffic

Hi

I tried and it went OK..

Try following..

TMD 700 in APRS mode
uidigi car
digipeat on.
packet path   doesnmatter

THD7
aprs mode
packetpath car

When the thd7 transmit data only the tmd700 responds and digis the packet...

If you have your tmd700 in packet mode it digis everything.....

good luck

by the way my both models are E Types

73 de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

72. [htaprs] Re: [GPS] GPS Navigation Problems

From: Tony Dinkel <tonydinkel@clubnet.net>
Date: Sun, 15 Oct 2000 10:53:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Garmin Techsupport" <techsupp@garmin.com>,
        "Prior Tom KC7RFS" <teprior@tscnet.com>
Message-ID: <LYR845-115170-2000.10.15-13.03.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is it possible that both of Herb's III+ units could have had bad
ephemeris loads?

It seems to me that even with only 5 sats in view and fair geometry
that a good fix should have been possible.

td

At 9:10 AM -0700 10/15/00, Herb Gerhardt, KB7UVC wrote:
>I just returned from my early elk hunt and ran into an interesting GPS
>navigation problem and figured I should share it with the group before some
>newbie gets in trouble.
>
>During this last week I was in the Ryderwood Hunting area in SW Washington
>and noticed that I had lots of problems getting a proper fix on my GPS
>during most of the day. I was using a Garmin III+ and even convinced myself

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] 11am sunday d700 digi

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 15 Oct 2000 10:59:27 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115172-2000.10.15-13.08.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

tried all the latest suggestions, thought it was working but them some tiny
tracks came up on 144.39 and it relayed them.

until i figure out how to make the d700 digi just my thd7 going to run
split rx tx

thanks for the ideas...

steve
las vegas

http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] Re: tmd-700 digi sunday

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sun, 15 Oct 2000 20:27:57 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-115181-2000.10.15-14.36.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> put the tmd700   uidigi from   relay   to car   repeated all traffic
>
> put the tmd700   packet path from relay,wide to   car   repeated all
> traffic

The unproto path will not change anything. What you are looking for it the
equivalent of an ALIAS - I dont have a 700 so I dunno. Is UIdigi the same as
alias?

Carl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

75. [htaprs] Re: Small keyboard for Citadels

From: Dale Blanchard <bolero@accessnv.com>
Date: Sun, 15 Oct 2000 16:43:36 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-115209-2000.10.15-19.39.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Arte Booten wrote:
>
> I wrote:
>
> >I mentioned a small keyboard available from PFUCA, but didn't have the
> >particulars on it as I do now.
>
> to which Dave (K7IOU) replied:
>
> >>I use a Dauphin keyboard with my citadel. Bought it new at Dayton for
>
I use one on mine, but the keys stick after a week a Burning Man.
I blew the dust out . They stick on pushing down and return OK.
I think the heat shrunk the hole the keys fit in. Once you punch all the
keys a few times they work intillnext time.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

76. [htaprs] Re: digi mode on tmd-700

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 15 Oct 2000 21:16:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115217-2000.10.15-21.07.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     There's something bothering me about this thread.   One of the con-
cepts essential to the operation of a healthy APRS network is that each

and every fixed station serve as a RELAY for any mobile and portable ops
that might not otherwise be heard by the "real" WIDEs, thus getting them
into the local APRS network.

     While Steve may have some legitimate reason for getting his D-700
to relay his D-7a, it would be detrimental to most APRS networks to de-
feat this basic concept in APRS. I'm sure there are ways of making his
D-700 do what he wants without fiddling with its ability to act as RELAY
to any and all APRS'ers passing by that might be otherwise unable to get
into the local APRS network.   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

77. [htaprs] Re: digi mode on tmd-700 (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 15 Oct 2000 22:29:58 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115221-2000.10.15-21.39.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The answer is that he adds MYDIGI to his UIDIGI list. THen his HT uses
via MYDIGI... NOthing to it..

bob

On Sun, 15 Oct 2000, Arte Booten wrote:

>   While Steve may have some legitimate reason for getting his D-700
> to relay his D-7a, it would be detrimental to most APRS networks to de-
> feat this basic concept in APRS. I'm sure there are ways of making his
> D-700 do what he wants without fiddling with its ability to act as RELAY
> to any and all APRS'ers passing by that might be otherwise unable to get
> into the local APRS network.   73

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] D7(G) NO [BCON]

From: gb@interweb.com
Date: Mon, 16 Oct 2000 02:19:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115256-2000.10.16-01.30.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well here it goes,

I ordered a D7A(G)!

I received a D7A! (ser. # 201XXXXXXX)

The friendly dealer has sent me a D7A(G)! (ser.# 204XXXXXXXX)

NOW, the "beacon" worked on the D7A, but does NOT work on the D7A(G)!!!!

I have followed the "enhanced features" instrutions on page 15 to the
letter with no joy.

Has someone else been frustrated in this same manner?????

Does someone have an answer??? Kenwood are you listening???

Despite the frustrations this little radio is certainly a major achievement
on Kenwood's part!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] D700 Question

From: bcdpe@CLEMSON.EDU
Date: Mon, 16 Oct 2000 08:20:43 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115273-2000.10.16-07.29.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bit the bullet and purchased a kenwood. My question is: when
setting status(?) the default of "off duty" is selected. There is a
selection of "custom "0-x" but no mention of how setup a custom
entry. Any ideas?
Thanks
Bruce
--

.....

Bruce Douberley
WB4JNE
NNN0KBN SC / NNN0GBS FIVE SC
Reply to email : bcdpe@innova.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

80. [htaprs] Re: Small keyboard for Citadels

From: Randy Allen KAØAZS <ka0azs@commkey.net>
Date: Mon, 16 Oct 2000 08:31:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-115274-2000.10.16-07.39.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought one at Hamvention this year and have had no problems with it at
all. Good for mobile ops (had Citadel strapped to glove box, KB sat on
dash when my "Nav" wasn't using it). The only thing I recommend is to
buy a PS/2 Keyboard extension cable for it. The one on the KB is too
short to be really practical IMHO.

--
Randy Allen, KAØAZS
Asst. EC Montgomery CO Ohio
OH Dist. 3 ARES Web Page:
http://www.qsl.net/ohd3ares/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

81. [htaprs] GPS / D7A(G) Serial Port

From: drober05@prodigy.net
Date: Mon, 16 Oct 2000 07:12:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115280-2000.10.16-09.22.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I have a Rand McNally StreetFinder GPS receiver that works fantastic
(especially considering the low price) for interfacing to my
laptop to provide real-time road map tracking. I would like
to use the same receiver to provide NMEA messages to my D7A(G)
while simultaneously sending them to the laptop. Is it possible
to split the serial signal to go to both places? Seems like
this might be possible since no messages are going back to the
GPS from the laptop or D7A.

Would this simply be a matter of making a serial cable with two
connectors, one for the D7A and one for the laptop? Or, do I
need some type of splitter box? I considered trying to run the
GPS messages into the laptop then from the laptop to the D7A.

However, my laptop has only a single serial port.

This is all part of a larger project to install a "van PC" into
my van for navigation, entertainment, Ham, etc. I posted a request
several months ago for suggestions on potential monitors. Since
then I have found sources of nice flip-down LCD screens for automotive
use. These would work great for my needs but are priced a little
high at over $500 for the screen alone. I anticipate this coming
down as the technology improves and competition heats up. For
now I am just using my laptop screen. It's rather awkward and
doesn't look as cool but it's functional.

Thanks for any assistance.

Dave Robertson
KC8JZX@arrl.net
Flint, MI

Sent using MailStart.com (http://MailStart.Com/welcome.html)
The FREE way to access your mailbox via any web browser, anywhere!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

82. [htaprs] Re: D7(G) NO [BCON]

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 16 Oct 2000 09:14:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-115282-2000.10.16-09.31.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>NOW, the "beacon" worked on the D7A, but does NOT work on the D7A(G)!!!!

There are several things about the 'G' that you have to tend to. First,
if you change the radio from GPS->'Not Used' to GPS->'NMEA', you must either
power cycle the radio, or switch the TNC to packet->off->on again to get the
radio to recognize that the GPS port should now be active. Once you do this,
you should hear the 'bonk' of the 'no fix' condition in the audio until you
have a fix. The radio will beacon whatever 'bad data' the GPS is sending to
it until a 'fix' occurs.

Next, and I consider this a bug, when the radio is in GPS->'NMEA' mode, and a
GPS is not attached, you can not send text messages until you set it to GPS->
'NONE'! Keep this in mind when you jump out of the car after unplugging the
radio and are trying to send a message as you are running to help someone!

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

83. [htaprs] tmd700 digi

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 16 Oct 2000 08:46:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115288-2000.10.16-10.55.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi sig

       well just tried bob bruninga idea for setting my d700 and thd7 to
digi just me.

i walk an hour each day and can not hit the two Las Vegas digis due to
mountain shadowing.

I did have the d700 to relay all traffic but it caused a lot of collisions
on the freq.

all i really need it to do is digi just me when i run my thd7 while
walking a 5 mile route in the neighborhood.

got tons of suggestions on how to set my rigs, spent all weekend on it, but
the tiny tracks were being digipeated no matter what i did.

here is what i have now

tmd700   unidigi   set for   mydigi

digipeater	on
unprotocol	apk101
packet path	relay,wide
msg group	all,cq,qst,kwd
bln group	no settings at all
my callsign	kd8s-7

on my thd7

unprotocol	apk002
msg group	all,qst,cq,kwd
my callsign	kd8s-9
packet path	relay, wide, my digi

so far my tmd-700 is not rexmitting anyone but me, but there is little
traffic on 144.39 here in las vegas this morning

i will leave it on today and see what happens.

thanks for all the ideas

   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

84. [htaprs] 151.88 mhz. las vegas

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 16 Oct 2000 09:22:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115292-2000.10.16-11.31.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

been monitoring the freq, and the others in the murs list.

i did read the restrictions on the murs .

i think the hams have plenty of frequencies to play with, but i happen to
have commercial radios near 151 mhz, that i can use in that band but its
not cost effective to move it to the ham bands. so i figure grab the
commercial freq. and use it just because, its there and spectrum space.

i would be glad to grab 151.880 here in las vegas for ham use

   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

85. [htaprs] D700A

From: "Richard Amirault" <ramirault@erols.com>
Date: Mon, 16 Oct 2000 19:15:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115320-2000.10.16-18.25.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there! New to *this* list (been on the regular APRS list for years)
since I just bought a nice new D-700A a couple of days ago I figure I ought
to sign up here as well!

I haven't paid all that much attention to the Kenwood radios when they were
mentioned on the regular SIG, so I'm sure there's a lot of stuff I don't
know. I've got my radio up and running in the car (N1JDU-9) with my
"ancient" Garmin 45. Everything seems to be working, but I have a few
questions...

Do the Kenwood radios transmit position information in MIC-E format?
Because, there is no menu choice to say which GPS data sentence to use, and
I've noticed that watching other Kenwood mobiles they do not activate the
GPS-Time-Sync feature of APRSDos. In other words, they do not transmit a
specific GPS string like a "normal" tracker. (I had a favorite string I
prefered to use in the past with my dumb tracker) This is ok, I just want
to be sure I understand it correctly.

There seems to be no way to scroll a received comment or status line to see
the whole thing, correct?

I'm sure I'll have more questions, but I know this should be *the* place
for answers! Looking forward to having fun with the radio.

Richard Amirault   N1JDU   Boston, MA, USA
ramirault@erols.com   "Go Fly A Kite"
http:// www.erols.com/ramirault

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

86. [htaprs] Re: tmd700 digi

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 16 Oct 2000 22:41:41 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115345-2000.10.16-21.50.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

And of course the easiest would have been to do nothing but use the path
of VIA KD8S-7,WIDE,WIDE from your THD7. THen you dont have to change
anything in the mobile.

But it appears that you have your calls backwards. Most people use the -7
for their D7 and -9 for their mobile.... In that case you would set your
D& to digi via KS8s-9,WIDE,WIDE

bob

On Mon, 16 Oct 2000, STEVE SCOTT LAS VEGAS wrote:

> all i really need it to do is digi just me when i run my thd7...
> here is what i have now
>
> tmd700   unidigi   set for   mydigi
>   digipeater   on
>   packet path   relay,wide
>   msg group   all,cq,qst,kwd
>   my callsign   kd8s-7
> on my thd7
>   unprotocol   apk002
>   my callsign   kd8s-9
>   packet path   relay, wide, my digi

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

87. [htaprs] dash calls

From: Robert Hull <rhull@NMSU.Edu>
Date: Mon, 16 Oct 2000 17:57:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115426-2000.10.17-09.58.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK - new Ham here...We're using hand-held and mobile Kenwoods for a
balloon experiment (Yes, we intend to fly the TH-D7A(G)). Undergoing
environmental tests now.
My question is about call sign dash numbers. Have been using my call and
assigning a dash to each radio. Is there a prefered allotment?
I think APRS software, somewhere, assumes a balloon is dash eleven
(-11). Is that the case, and why?
The fabulous Bob Bruninga states -7 for the handheld and -9 for the
mobile. Is there a pattern here?
Thanks for any guidance!

Robert Hull
New Mexico State University

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

88. [htaprs] Re: dash calls

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Tue, 17 Oct 2000 10:20:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-115436-2000.10.17-10.29.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robert Hull wrote:
>
> OK - new Ham here...We're using hand-held and mobile Kenwoods for a
> balloon experiment (Yes, we intend to fly the TH-D7A(G)). Undergoing
> environmental tests now.
> My question is about call sign dash numbers. Have been using my call and
> assigning a dash to each radio. Is there a prefered allotment?
> I think APRS software, somewhere, assumes a balloon is dash eleven
> (-11). Is that the case, and why?
> The fabulous Bob Bruninga states -7 for the handheld and -9 for the
> mobile. Is there a pattern here?
> Thanks for any guidance!
>
> Robert Hull
> New Mexico State University
>

Hi Robert,

Here in the Chicagoland area, it seems -11 = balloons, -7 =
Kenwood D7AG, and -1 was adopted for Kenwood D700A. There
also is a balloon Icon which is very well done..

Robbie, wa9inf
73!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

89. [htaprs] D7 800 MHz Receive

From: Skip Allison <cfad07@email.mot.com>
Date: Wed, 18 Oct 2000 10:45:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-115569-2000.10.18-10.57.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I seem to remember that my D7 would receive 800 MHz, but I can't
remember how to do it. I looked all through the manual and can't find
anything on out-of-band receive except aircraft. Anybody know how to
receive 800 MHz?

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

90. [htaprs] Re: D7 800 MHz Receive

From: "Jeffrey Brissette" <kd7JNY@link-11.com>
Date: Wed, 18 Oct 2000 17:25:24
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115601-2000.10.18-17.34.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The 800Mhz is a sub-band on B side of the radio. If you have it in VFO mode
and are on the B side you can punch up the 800Mhz freqs.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

91. [htaprs] Re: D7 800 MHz Receive

From: AC6JA@aol.com
Date: Wed, 18 Oct 2000 19:04:02 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115604-2000.10.18-18.13.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

how do you access the 800 mhz feature? is there some mod that has to be
performed?
any info would be greatly appreciated.
thanks!

mike ac6ja

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

92. [htaprs] Re: D7 800 MHz Receive

From: "Jeffrey Brissette" <kd7JNY@link-11.com>
Date: Wed, 18 Oct 2000 19:43:14
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115612-2000.10.18-19.53.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My fault, I misread the question. D7 and 800 ran togther and I thought he
was talking about the D700. I apologize for the waste of bandwidth and the
passing of bad information.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] Re: D7 800 MHz Receive

From: Skip Allison <sallison@megsinet.net>
Date: Thu, 19 Oct 2000 00:07:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115631-2000.10.19-00.18.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeffrey Brissette wrote:
>
> The 800Mhz is a sub-band on B side of the radio. If you have it in VFO mode
> and are on the B side you can punch up the 800Mhz freqs.
>
OK, I'm in B VFO mode. I hit ENT then 8-6-0 then the display erases the

860 and replaces it with 479. It doesn't want me to enter anything
above 479. If I hit F-BAND it toggles between VHF and UHF. If I hit
F-BAND while in the A VFO it toggles between VHF and aircraft. I was
pretty sure it was receiving 800 at one time.

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] Re: D7 800 MHz Receive

From: Eric Charikane <charikane@ecrin.asso.fr>
Date: Thu, 19 Oct 2000 09:15:28 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-115642-2000.10.19-02.24.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeffrey Brissette wrote:
>
> My fault, I misread the question. D7 and 800 ran togther and I thought he
> was talking about the D700. I apologize for the waste of bandwidth and the
> passing of bad information.

===> Well, Same for me, I apologize. I read the previous post too fast ! I don't think D7 covers 800Mhz,
 only 479,99 Mhz. If necessary, have a look at http://www.mods.dk/

Regards, Eric, F4COU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] tmd700 my digi

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 19 Oct 2000 10:28:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115690-2000.10.19-12.37.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey I think after a lot of trying, I got the correct instructions to make
the tmd700 digi just my th-d7. have not had time to try the latest idea.
heading out with GPS and thd7 about noon and I will find out and post the
results.

73
Steve Scott kd8s   Las Vegas
   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

96. [htaprs] TM-D700 & TNC crashed

From: Eric Charikane <charikane@ecrin.asso.fr>
Date: Fri, 20 Oct 2000 15:11:29 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115771-2000.10.20-08.20.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi everybody,

I've got a TM-D700E, and 3 days ago I've crashed my TNC while it was in "aprs mode". The configuration
was : 144,800 tx side A (aprs in Europe) ; 439,975 rx side B (packet) ; 1200 bauds. Thought I was in
"aprs mode", I was trying to monitor packet on side B using [p.mon]. While I was receiving the first
frame on side B, the TNC frooze.

Now, even after many "full reset & hard reset", I can't perform any command in "packet mode". All I get
is sommething like "cmd : ?too long".

Has someone seen this before ? And, is there any way to perform a truly "full reset or hard reset" of
the TNC ?

Many thanks in advance for any help,

Regards,

Eric, F4COU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

97. [htaprs] Re: [APRSUK] TM-D700E Queries?

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 21 Oct 2000 11:32:03 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: HT APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-115950-2000.10.21-11.25.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Ken C. wrote:

>Does the D700 [only decode data on the main band] when using dual band?

     It will decode data on the band designated as the data band via me-
nu item 1-6-1 (Radio-TNC-Data Band).

>When sending [one-liners] to a D700 the final line evoked the response
>rej13. Any ideas on what would cause this?

     I haven't seen this myself with the D700, but it sounds analagous
to what sometimes happens to someone sending messages to APRSDos users.
The arrays in APRSDos are a set size, including the page that displays
incoming and outgoing messages. When the messages page has filled up
and the operator hasn't made any additional space by either killing his
outgoing messages (ACKed or not) and/or deleting incoming messages, the
program will send a reject frame. It takes the form of rej##, where the
is the message number of the sender.

     Since both the D7 and D700 also have arrays of predetermined size,
and since they flag unread incoming messages, I suspect that the same,
or at least an analagous, situation is occurring here. Try pressing the
F key for a second, then the messages key and have the D700 list the in-
coming messages. Is there a "page" symbol to the left of any messages?
These are unread. Read 'em! This should free those message slots for
new incoming messages.

     BTW, there's an easier way to do this if you have quick fingers and
have the D700 set to beep on incoming messages. When you hear the dis-
tinctive "incoming messages beep", just press the OK key (the one on the
extreme right, next to the VFO-A Vol/Squelch dials). This tells the ra-
dio that you've read that message.   73
+--+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+--+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

98. [htaprs] GPS-III, D700 & Waypoints

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 21 Oct 2000 17:43:48 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115969-2000.10.21-16.58.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     I rather like the ability of the TH-D7a to upload incoming stations
as waypoints on the map display of the GPS-III. It seems that, by de-
fault, the TM-D700a does not do this. I have the D700 set to accept the

NMEA GPS sentences, not the NMEA96 setting. What am I missing?   73
+--+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+--+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

99. [htaprs] duplicate aprs packets

From: Scott Anderson <scott.anderson@stanford.edu>
Date: Sat, 21 Oct 2000 16:18:31 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-115971-2000.10.21-18.28.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I'm stumped. In trying to setup an aprsat downlink station, I've been
leaving my D7G on overnight and have been coming back lately to find all 40
positions filled with the same (exact) data. I've had it happen on two
different beacons, as well as the SUNSAT-3 beacon. I don't even think it
is possible that I could be getting 40 packets from the same source on the
same pass, as I just have been leaving my radio on -5kHz and no tuning
(436.245), and I am just using a big whip.

It used to just show a duplicate packet as such, and overwrite the old one,
as the manual says it should. Did I adjust a setting somewhere that made
it do this??

Scott

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

100. [htaprs] Not so HOT Technology

From: "mark.endicott" <endicott@nashville.com>
Date: Sun, 22 Oct 2000 09:54:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116020-2000.10.22-10.05.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please indulge me a little, I know this may or may not be the place to post
this question but here goes anyway.

I have been off the APRS air for about a year and now that I am trying to
get back on I can't make either of my three computers access the com ports
in the DOS mode. I am now running WIN98SE on Pentium Class machines, I did
not have problems when I was using WIN95 (when I last ran APRS). I have no
problem talking to the TNC with HyperTerm and other 32 bit applications but
none of my DOS based programs (including APRSdos ver. 846) will open either
com 1 or com 2. I know that it is time to upgrade to APRS+SA, but I kind of
like the DOS version. I have been to the MS Knowledge Base and have
disabled the ACPI support for the ports and have run MODE COM, but still no
luck. I have set the pif to ignore Windows and have even tried it in the
exclusive DOS mode without any luck. I wrote a little bat file to invoke
the switch suffix to load the config file and it works just fine, the
problem still exists. I am using several AEA PK12's and they have always
worked fine. If anyone is still running APRSdos and has made it work on
98SE please let me know what you have done. I don't have enough hair left
to pull anymore out!

Mark WB0NOO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

101. [htaprs] Re: TM-D700 & TNC crashed

From: Eric Charikane <charikane@ecrin.asso.fr>
Date: Mon, 23 Oct 2000 11:51:50 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-116146-2000.10.23-05.02.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Loyd,
Many thanks for your answer ; removing the battery is good idea and I didn't think to that. But after some other tests, I found the reason of my problem : it was due to a short circuit in the wire between my computer and the tx... The simplest reason is always the better one...!!

And sorry for the spend of time and bandwith.

73s qro, Eric, F4COU

Loyd C Headrick wrote:
>
> try removimg the backup battery to restore defaults settings
>
> Loyd C Headrick KF4UGT
> Chattanooga Packet Net Manager
>
> kf4ugt@bellsouth.net
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

102. [htaprs] New to list & Alinco TP-135 question...

From: Jacob W Tennant <k8jwt@juno.com>
Date: Mon, 23 Oct 2000 09:03:43 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116157-2000.10.23-08.14.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was wondering what the responce has been to the new Alinco TP-135 radio with built-in TNC. Been away from the list for a while and was needing to know so as to guide a friend and myself even in the right direction.

73's
Jacob Tennant,K8JWT

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

103. [htaprs] DeLorme Earthmate GPS compatibility?

From: Mel F Nunes <ab6qm@juno.com>
Date: Mon, 23 Oct 2000 10:53:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116192-2000.10.23-13.08.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have an Earthmate GPS Receiver by DeLorme which works great to my laptop with the DeLorme Street Atlas Version 6.0 .   I am unable to get the Earthmate to work with my Kenwood TH-D7A.   I believe my wiring is correct because the Earthmate seems to be transmitting (?), and I have set my "My Call" and "NMEA" in the menu of the TH-D7A. Being in a good receive location, I am never able to any information for "My position" on the TH-D7A display. Any help or suggestions would be welcomed. TU,
Mel AB6QM

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

104. [htaprs] RE: DeLorme Earthmate GPS compatibility?

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Mon, 23 Oct 2000 11:57:26 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116210-2000.10.23-14.04.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Mel, and all,

Unfortunatly the Earthmate doesn't produce NMEA compatible data strings. I went round and round with Delorme about this, and it seems I finally convinced them that the Earthmate isn't NMEA compatible, because the data that it puts out is not in any of the recognized NMEA formats. They recognized that the output is proprietary, but on the basis of the electrical characteristics (voltage swings, baud rate) of the output, they wanted to claim it to be NMEA compatible. Since I can't find any reference to NMEA and the Earthmate on their site, it appears they've stuck to their word. So I'm afraid that unless someone creates a translater board (another PIC product?) to translate the Earthmate data stream into an NMEA stream, your GPS isn't going to help you with APRS.

If you just recently purchased this combo from Delorme, you could try to see if they'll swap an Earthmate for a Tripmate, however it requires some clever wiring on the DB-9 connector to get it to start presenting NMEA data on the output, so it's not quite plug-n-play either.

73, Bob, KD7NM

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of Mel F Nunes
Sent: Monday, October 23, 2000 10:54 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] DeLorme Earthmate GPS compatibility?

I have an Earthmate GPS Receiver by DeLorme which works great to my laptop with the DeLorme Street Atlas Version 6.0 . I am unable to get the Earthmate to work with my Kenwood TH-D7A. I believe my wiring is correct because the Earthmate seems to be transmitting (?), and I have set my "My Call" and "NMEA" in the menu of the TH-D7A. Being in a good receive location, I am never able to any information for "My position" on the TH-D7A display. Any help or suggestions would be welcomed. TU,
Mel AB6QM

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: kd7nm@pugetsound.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

105. [htaprs] Re: DeLorme Earthmate GPS compatibility?

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 23 Oct 2000 14:16:36 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116213-2000.10.23-14.26.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:53 PM 10/23/00, Mel F Nunes wrote:

>...I am unable to get
>the Earthmate to work with my Kenwood TH-D7A...

This is because the Earthmate doesn't output a standard NMEA sentence, which is required for just about any piece of APRS or GPS capable packet hardware. The Earthmate only sends out data in a proprietarty (Rockwell Binary) format. There are some hardware workarounds for this. One is the GST-1 Rockwell Binary to NMEA converter. http://www.byonics.com

The are a few drawbacks to the GST-1. First is cost. Currently it's $45 plus shipping which puts it within $25 of purchasing a Rand McNally GPS engine (mine was $73 with tax and shipping purchased directly from RM).

Second, the GST-1 derives it's power from the computer or TNC's serial connection. Not all computers are made equally, so it may not work with your computer. If it doesn't work you will have to wire up an external power source. Running the GST-1 connected to the Earthmate in a stand-alone mode with your HT will REQUIRE that you wire up this external power source.

My advice would be to purchase a different GPS engine or handheld GPS for use with the TH-D7. Something very small like the Garmin eTrex might suit your needs, and it will also give you a display or your Lat/Lon etc. If you have a little more money to spend, I would recommend the Garmin eMap. The eMap allows 2-way NMEA data exchange and is a mapping GPS. This allows you to use the GPS as an APRS display and any received stations will show up on the eMap's screen as waypoints. Very cool. For a standalone GPS engine, the Rand McNally unit is the current price leader costing $70 - $100 depending on where you purchase it.

No matter what you do, it's going to involve spending more money. Sorry.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

106. [htaprs] RE: DeLorme Earthmate GPS compatibility?

From: "Pendley, Michael" <mycall@sandia.gov>
Date: Mon, 23 Oct 2000 13:19:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116214-2000.10.23-14.29.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

See info on the GST-1 at http://www.byonics.com/

-----Original Message-----
From: Robert Donnell [mailto:kd7nm@pugetsound.net]
Sent: October 23, 2000 12:57 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: DeLorme Earthmate GPS compatibility?

<SNIP>

So I'm afraid that unless someone creates a translater board (another PIC product?) to translate the Earthmate data stream into an NMEA stream, your GPS isn't going to help you with APRS.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

107. [htaprs] RE: DeLorme Earthmate GPS compatibility?

From: Busch Thomas H CNIN <Busch_T@crane.navy.mil>
Date: Mon, 23 Oct 2000 14:16:25 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-116215-2000.10.23-14.29.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What about this? http://www.byonics.com/gst-1/gst-1.html

I keep sending people to this web page, but I have no knowledge about whether
or not it works. Has anyone tried it? I keep hearing that Earthmate just
can't be made to work for APRS. If this has been discussed before, please let
me know off the sig.

Tom Busch, WB8WOR

Robert Donnell wrote:

> ... So I'm afraid that unless someone creates a translater board (another
> PIC product?) to translate the Earthmate data stream into an NMEA stream,
> your GPS isn't going to help you with APRS.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

108. [htaprs] DeLorme Earthmate Compatibility

From: Mel F Nunes <ab6qm@juno.com>
Date: Mon, 23 Oct 2000 14:53:52 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116229-2000.10.23-17.06.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all of you for replying to my "Is Earthmate GPS compatible with
Kenwood TH-D7A" question. You folks are wealth of knowledge - thank you
all for your kind assistance and valuable suggestions. 73, Mel AB6QM

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

109. [htaprs] RE: DeLorme Earthmate GPS compatibility?

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Mon, 23 Oct 2000 18:37:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116251-2000.10.23-17.47.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The GST-1 was specifically designed to convert Earthmate (or other Rockwell
binary format GPS) data output to NEMA.

I would not buy a new Earthmate for APRS knowing I'd have to spend another
$45+shipping to get the GST-1 to make it work with APRS or a tracker but
someone who either just happens to have an Earthmate (whether they bought it
before they did APRS or it was a gift etc) its a perfect solution.

Another one of Byon's (N6BG) cool devices using a Microcontroller!!

73
Paul
N4PK

> What about this? http://www.byonics.com/gst-1/gst-1.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

110. [htaprs] 4Runner page finally up.

From: "Chris Arndt" <carndt@slonet.org>
Date: Thu, 26 Oct 2000 16:25:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-116643-2000.10.26-18.35.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I finally put up a page of some pics of the D700/Ashtech G8 installation in
my wife's 4Runner.

http://www.tbo.net/4Tweb/4Runner.htm It's not a fancy page, but it's
there...

Let me know if anyone wants to see any other details.

Chris

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

111. [htaprs] command on thd-7

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 29 Oct 2000 15:09:42 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117011-2000.10.29-17.20.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i searched all over the place and can not find the instructions on how to
make the th-d7   xmit on 144.39 aprs while also working a two meter
repeater in voice mode on band b.

if you know the keystrokes , let me know, or is it posted on a web site
somewhere

73

las vegas

   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

112. [htaprs] RE: command on thd-7

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 29 Oct 2000 18:20:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117012-2000.10.29-17.30.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

it is really fairly simple , you can't its is not a d700 ... you can do 2 meters on A and 440 on B

> -----Original Message-----
> From: STEVE SCOTT
> Sent: Sunday, October 29, 2000 6:10 PM

> [snip]

> i searched all over the place and can not find the
> instructions on how to make the th-d7   xmit on
> 144.39 aprs while also working a two meter
> repeater in voice mode on band b.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

113. [htaprs] RE: command on thd-7

From: "Jacques Voisin" <jvoisin@evcom.net>
Date: Sun, 29 Oct 2000 19:14:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117014-2000.10.29-18.25.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can use B to talk on another VHF Frequency just program it and off you
go. The only thing I am not sure is if like on D-700 you set your A on APRS
and select B as the PTT channel APRS will still send position at the
predetermined interval.

Jacques, N4JCV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

114. [htaprs] Re: command on thd-7

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sun, 29 Oct 2000 18:55:07 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-117015-2000.10.29-19.05.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

STEVE SCOTT LAS VEGAS wrote:
>
> i searched all over the place and can not find the instructions on how to
> make the th-d7   xmit on 144.39 aprs while also working a two meter
> repeater in voice mode on band b.
>
> if you know the keystrokes , let me know, or is it posted on a web site
> somewhere
>
> 73
>
> las vegas
>
>   http://map.findu.com/kd8s-7
>
> ---

Hi Scott.. It is in the manual.. After having A channel
tuned into aprs channel as usual, hit A/B button to make B
channel active, then hit F (function), and then A/B This
then makes both sides of the radio VHF... You're Welcome...
:-)

Robbie WA9INF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

115. [htaprs] Re: command on thd-7

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 29 Oct 2000 17:31:07 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117020-2000.10.29-19.40.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> Hi Scott.. It is in the manual.. After having A channel
> tuned into aprs channel as usual, hit A/B button to make B
> channel active, then hit F (function), and then A/B This
> then makes both sides of the radio VHF... You're Welcome...
> :-)
>
> Robbie WA9INF
>
>
Not only does it work, but it works really well. If you have selected the
voice repeater on B band and it is time to send your position on APRS, the
radio will automatically switch to A Band, send your position and then
return to B Band. The only problem is, it will interrupt the voice channel
whether you like it or not during that time.

Herb, KB7UVC

NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>
My Home Page: http://www.hctc.com/~gerhardt/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

116. [htaprs] Leonids Meteor Shower Registration Page --

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 29 Oct 2000 21:00:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117047-2000.10.29-23.11.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

LEONIDS METEOR SHOWER REGISTRATION --

Web Page registration is now available for those who will be participating
in the upcoming November Leonids Meteor Shower event. The purpose of
registering is to provide a real-time list of participants. This should
expedite communication and increase the chances of success. There are 8
questions, it should take about 1 minute to complete. Click on the URL
below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

I got interested in this facet of amateur radio after reading the article
by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of
success could be increased if I knew who was participating so I knew where
to point the beam. It was out of this need that I developed this
registration page. I hope that you find it useful.

For those interested in more information, the Nov 1999 QST article by W2EV
and the Nov 2000 issue of QST (page 28 and 83) may be useful.

Rich Parry

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

117. [htaprs] Re: command on thd-7

From: Busch Thomas H CNIN <Busch_T@crane.navy.mil>
Date: Mon, 30 Oct 2000 09:02:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117085-2000.10.30-08.18.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To prevent this, set the DCD sense in the TNC section of menu 1 to "Both

Bands." This will keep the TNC from transmitting while either channel
is
busy, or when you are transmitting on the voice side.

Use it with care, though. If your voice channel is busy all of the
time,
like for a special event, you will never transmit a posit. In that
case,
it is better to go back to DCD sense on D-band only.

Tom Busch, WB8WOR

At 08:31 PM 10/29/00 , you wrote:

>return to B Band. The only problem is, it will interrupt the voice
channel
>whether you like it or not during that time.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

118. [htaprs] A little of the subject

From: "Peter Black (ZR5DWC)" <zr5dwc@iafrica.com>
Date: Mon, 30 Oct 2000 20:45:04 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117123-2000.10.30-13.01.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

Sorry that this is a little off the subject but I need some help with a
small problem I have.

I have a GPS companion. This is a GPS engine that clips onto a Palm Vx unit.
I know I can not use it for APRS but what I do want to know is does any one
know if you can convert the map files (*.pdb)(Magellan call them shape
files) into a usable TIF/BMP/GIF/JPG type of file. One would presume if you
can convert from the *.pdb to a *.jpg or what ever you can also convert from
a *.jpg to a *.pdb etc.

I am trying to get to use the current formatted maps for both APRS and for
the GPS companion. I only have GPS companion maps of the USA and I need to
sort some out for South Africa.

If any of the amateur cartographers amongst us can help I would be greatly
appreciated.

Many thanks for all you time in advance.

Peter Black

ZR5DWC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

119. [htaprs] Re: A little of the subject

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 30 Oct 2000 11:11:37 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-117129-2000.10.30-13.22.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 30 Oct 2000, Peter Black (ZR5DWC) wrote:

> Sorry that this is a little off the subject but I need some help with a
> small problem I have.
>
> I have a GPS companion. This is a GPS engine that clips onto a Palm Vx unit.
> I know I can not use it for APRS but what I do want to know is does any one
> know if you can convert the map files (*.pdb)(Magellan call them shape
> files) into a usable TIF/BMP/GIF/JPG type of file. One would presume if you
> can convert from the *.pdb to a *.jpg or what ever you can also convert from
> a *.jpg to a *.pdb etc.

.PDB files are standard PalmOS database files. I believe they can
contain other types of objects. It's been a while since I read about
them.

Do some research into how to program for PalmOS, and you might be
able to figure out what is actually inside those particular .PDB
files. You might start with the GCC development stuff for the Palm,
as a lot of the documentation for that should be on the 'net. Once
you figure out what's hidden inside, you might have a better idea
how to manipulate the data.

Good luck,

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

120. [htaprs] Re: command on thd-7

From: "Richard Amirault" <ramirault@erols.com>
Date: Mon, 30 Oct 2000 19:36:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117170-2000.10.30-18.46.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"....works really well..." Almost! I don't have the D7 but my D700 works pretty much the same way ... however, the other day I went to answer someone on a two meter repeater (on the non-data side) and between the time I decided to push the mic button and the time I actually *did* it the D700 decided it was time to transmit on the DATA side. So that when I did "key down" the DATA side was transmitting. I answered the call, but when I unkeyed I heard the fellow say he didn't hear me and I must have left the freq.

Evidentally, I was transmitting voice on the 144.39 for that 'key-down' I would have thought that if the non-data channel is the PTT channel and the data channel decides to transmitt it would disable the mic button.

Not a big deal (now that I know about it) but I think it could have been done better.

As far as interupting the voice channel, not any more than if you had two seperate radios. The desense of the voice radio by the data radio would be hard (not impossible) to eliminate.
Richard Amirault N1JDU Boston, MA, USA
ramirault@erols.com "Go Fly A Kite"
http:// www.erols.com/ramirault
----- Original Message -----
From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Subject: [htaprs] Re: command on thd-7

> >
> Not only does it work, but it works really well. If you have selected the
> voice repeater on B band and it is time to send your position on APRS, the
> radio will automatically switch to A Band, send your position and then
> return to B Band. The only problem is, it will interrupt the voice channel
> whether you like it or not during that time.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

121. [htaprs] Kenwood D7 (G) upgrade info

From: Billy Mason <bmason@ci.bedford.tx.us>
Date: Mon, 30 Oct 2000 19:23:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117178-2000.10.30-19.34.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To The List:

Just a short message / question. Was wondering if anyone knew what the current turn around time is from Kenwood on the D7(G) upgrade.

Billy Mason, KD5KNR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

122. [htaprs] Re: Kenwood D7 (G) upgrade info

From: "Rich" <n0rul@kscable.com>
Date: Mon, 30 Oct 2000 19:36:45 -0600

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117180-2000.10.30-19.45.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I sent a D7 to Kenwood west for upgrade just over 3 weeks ago..
have not seen it since.

Rich, n0rul
mailto:n0rul@kscable.com

----- Original Message -----
Subject: [htaprs] Kenwood D7 (G) upgrade info

> Was wondering if anyone knew what the current turn around
> time is from Kenwood on the D7(G) upgrade.
>
> Billy Mason, KD5KNR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

123. [htaprs] Re: Kenwood D7 (G) upgrade info

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 30 Oct 2000 20:20:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117183-2000.10.30-20.31.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine took exactly a month to the day that I sent it to Kenwood West. It
took several phone calls and posting my experiences here to get it back in
that amount of time. Had I not been persistant, I may never have gotten
the radio back.

Document everything and send the radio insured/return receipt requested -
the person at Kenwood who signed for my radio made sure his signature was
completely illegible...thus insuring plausible deniability.

73,

Mark
KC7BXS

At 07:23 PM 10/30/00, Billy Mason wrote:

>Just a short message / question. Was wondering if anyone knew what the
>current turn around time is from Kenwood on the D7(G) upgrade.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

November 2000

Original source file: htaprs.0011
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0011

1. [htaprs] D7 in the car

From: "Jim King" <jim@jimking.net>
Date: Wed, 1 Nov 2000 11:30:4
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117450-2000.11.01-11.39.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not surprisingly, trying to use my TH-D7 inside my car doesn't work all
that well. I need advice on improving the situation. What I'm leaning
towards is a magnetic mount 2m/70cm mobile antenna that I can slap on the
roof and feed the cable through a door sill. Will that improve things?
Any other ideas?

Thanks,
Jim KD5LUQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] Re: D7 in the car

From: RASNM@aol.com
Date: Wed, 1 Nov 2000 13:03:07 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117455-2000.11.01-12.13.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 11/1/00 10:31:37 AM Mountain Standard Time,
jim@jimking.net writes:

<< Any other ideas?
  >>
HI Jim, sure that will improve things, I use a window clip on device (coax
attached) and an sma to bnc adapter. Then you can pick a better rubber duck.
Find one that wont flop around to much in the wind.

Also a 12 V adapter will improve your power out, I use the Kenwood, I believe
it has a noise filter in it.

73-Ron-KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] Re: D7 in the car

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 01 Nov 2000 15:01:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-117504-2000.11.01-15.15.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Not surprisingly, trying to use my TH-D7 inside my car doesn't work all
>that well. I need advice on improving the situation. What I'm leaning
>towards is a magnetic mount 2m/70cm mobile antenna that I can slap on the
>roof and feed the cable through a door sill. Will that improve things?
>Any other ideas?

I use the MFJ micro mag mount, dual band antenna. Price is $19.00 or so and
you'll need an SMA to BNC converter for it. This makes it possible for me to
get into all the local repeaters quite readily (within ~20 miles). If you
want better coverage, go for th 5/8s wave antenna and I bet you'll get about
double that range.

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Re: D7 in the car

From: "Jim King" <jim@jimking.net>
Date: Wed, 1 Nov 2000 20:32:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117582-2000.11.01-20.43.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for all the comments. I picked up an MFJ mag mount antenna on the
way home - big improvement!

Jim

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] ARISS

From: "Charles R. Schultz" <n2pua4@peoplepc.com>
Date: Wed, 01 Nov 2000 20:40:53 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-117609-2000.11.01-23.14.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So, I'm reading about the new space station and see the following:

Tentative operating frequencies are: Worldwide downlink for voice
and packet, 145.80 MHz: worldwide packet uplink, 145.99 MHz; Region
1 (Europe) voice uplink: 145.20 MHz; Region 2 and 3 voice uplink,
144.49 MHz.

Can my D-7(A) do these odd splits? I know, RTFM, but it's out in the
shack somewhere, right now. . . I can only get it to go in 50 kHz
increments by using the split function. Does this radio have another
way to set odd offsets? It seems like my older Kenwoods could,
(something like pressing one or two buttons and the ptt?) but I haven't
needed anything like that in a long time.

TIA
--

Chuck Schultz   /   Mailto:n2pua4@peoplepc.com
                 / New Home page: http://www.n2pua4.webprovider.com/
Eastaboga   /   (Under construction forever!)
Alabama   / AIM Screen Name: n2pua   ICQ ID Number: 11654121
36260   / It's not the thing you fling, but the fling, itself!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: D7 in the car

From: "Charles R. Schultz" <n2pua4@peoplepc.com>
Date: Wed, 01 Nov 2000 20:45:05 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117612-2000.11.01-23.32.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Must be nice. The only place I can find where a mag mount will stick to
my Fiero is the license plate. The coppers don't seem to like that. .
.   ;^)

Chuck (besides, i'd have to cover up the tower on my ham plate) Schultz

----

Jim King wrote:
>
> Thanks for all the comments. I picked up an MFJ mag mount antenna on the
> way home - big improvement!
--

```
---------------------------------------------------------------------
Chuck Schultz     /                      Mailto:n2pua4@peoplepc.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

7. [htaprs] APRS Survey 2000 Now Open

```
From: Richard Parry <rparry@qualcomm.com>
Date: Wed, 01 Nov 2000 21:37:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117613-2000.11.01-23.47.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
- APRS Survey 2000 Now Open -

First let me thank nearly 100 APRS folks that provided excellent feedback
for the APRS Survey 2000 web page. This project started 6 months with a
simple idea. I got input from Bob B, and other APRS movers and shakers. I
also got suggestions from amateurs on several APRS mailing lists. I hope
the results of our efforts show.

I feel the need to emphasize that this is not a popularity contest. It is
meant to foster communication between folks with similar equipment. I
provide it as a service in the hopes that some "good" may come from the
information. The survey is based on the honor system. To help prevent
skewing the results, the results will not be posted until the survey period
is over at the end November. However, you can see where the respondents
came from on a map of the US. An amateur radio callsign is required, but
you may remain anonymous if you wish.

APRS Survey 2000 http://w9if.net/cgi-bin/aprssurvey/main.pl

Getting a large number of respondents will aid in providing an accurate
cross-section of the APRS community. So thanks in advance to those that
complete the survey and spreading the word.

Rich Parry, W9IF


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

8. [htaprs] TH-D7A(G) Software Problems

```
From: BordingK@aol.com
Date: Thu, 2 Nov 2000 22:51:57 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117781-2000.11.02-22.02.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Problem:  Kenwood TH-D7A(G) will not talk to laptop running Kenwood software.

A friend (Bill, KG4JRP) received a TH-D7A(G) today so we down loaded
MD7G100.exe and installed it on his laptop.  When we attempted to program
memories and other features or read from or write to the radio we get an
error message something like "Invalid Radio"  We tried TNC off, TNC in APRS
mode and TNC in Packet mode.  No luck programing.

Software says it the version for G models and we selected USA/Canada
installation.

But radio talks to WinAPRS just fine with same cable / same laptop setup.  Of
course HT is in Packet mode.

Any suggestions to get the radio to respond to the programming software?

Thanks in advance.

DE W5KNB
Ken
```

9. [htaprs] Re:TH-D7A(G) Software Problems

```
From: Ralph Milnes <milnes1@rcn.com>
Date: Fri, 03 Nov 2000 12:01:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
```

Message-ID: <LYR845-117883-2000.11.03-11.11.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ken,

Make sure the radio is OFF and start the software. Then turn the radio on.

  I believe programming only works with the TNC off completely.

Ralph, KC2RLM

>Problem: Kenwood TH-D7A(G) will not talk to laptop running Kenwood software.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] Ashtech G8 GPS and ChargeGuard (from 4Runner thread)

From: "Chris Arndt" <carndt@slonet.org>
Date: Fri, 03 Nov 2000 11:26:03 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117900-2000.11.03-13.36.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those interested in pricing, I had occasion to order another G8 sensor box today. I'm getting it from www.navtechgps.com, their p/n 990286, cost $449.

For those interested in the ChargeGuard, I'm placing an order today for a few of them and some other stuff. You can see it at:

http://www.chargeguard.com/what_is_charge.html

and they will sell it to you for $74.95 plus shipping and possibly tax.

I can sell the ones I'm getting for $60 plus shipping. I'll make it easy and say $65 total in the US.

If you want one let me know by email. I had some interest in email from the 4Runner pics, I'll see if I can track those people down. The CGs are shipping today, so I'll have them by Tuesday or Wednesday next week.

To see the 4Runner installation again, http://www.tbo.net/4Tweb/4Runner.htm

73,

Chris KD6DSI
chris@tbo.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] Sharp Wizard (or Zaurus) as dumb term with TH-D7HA(G)

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Fri, 3 Nov 2000 14:42:17 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117932-2000.11.03-16.54.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried this? I have a ZQ-8600 which has a 40 col screen and good terminal software, but I can't get it to talk to the Kenwood.

73, VE7VIE/KD7IGX

_____
Do You Yahoo!?
>From homework help to love advice, Yahoo! Experts has your answer.
http://experts.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] Re: Sharp Wizard (or Zaurus) as dumb term with TH-D7HA(G)

From: "Chris Arndt" <carndt@slonet.org>
Date: Fri, 03 Nov 2000 14:54:32 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117934-2000.11.03-17.04.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmm, I might have to try that. We have a couple of Wizards around here, not doing anything. I used to use one for packet, so getting it to work on the D7A would be nice. I'll have to round up the parts and cable and stuff and see what I can do.

Thanks for the idea.

Chris

********** REPLY SEPARATOR **********

On 11/3/00, at 2:50 PM, Barry Bogart wrote:

>Has anyone tried this? I have a ZQ-8600 which has a 40
>col screen and good terminal software, but I can't get
>it to talk to the Kenwood.
>
>73, VE7VIE/KD7IGX
>
>_____
>Do You Yahoo!?
>>From homework help to love advice, Yahoo! Experts has your answer.
>http://experts.yahoo.com/
>
>---
>You are currently subscribed to htaprs as: carndt@slonet.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] Re: Sharp Wizard (or Zaurus) as dumb term with TH-D7HA(G)

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 4 Nov 2000 02:40:25 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-117954-2000.11.03-20.50.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>>>>Has anyone tried this? I have a ZQ-8600 which has a 40 col screen and good terminal software, but I can't get it to talk to the Kenwood.

Are you using the computer synch cable? Those are Null Modem configured. To use one for packet, pop another null modem adapter on the end, which will reverse it back to straight serial.
I had to do this with my rig. I have my D7 cable connecting to my GPS III through a Garmin factory auto power/serial harness, which ends in a serial connecter. One cable is null, one straight through serial, so I popped a Radio Shack Null adapter plug in between to get them to work. I think the D7 cable is the one that is straight through.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Re: Sharp Wizard (or Zaurus) as dumb term with TH-D7HA(G)

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sat, 04 Nov 2000 14:07:43 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-118044-2000.11.04-08.18.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Makes sense. Took me ages to get a handle on this - so I'll share my 'serial cables with few syllables' thoughts...

RS232 is wired either as Transmitter or Reeciver. I think that is because
when they used ribbon cable, a flat cable would then connect a transmitter
to a receiver - they would connect them by crimping the plug onto the end
of the cable. You cant do that unless pin 2 at one end is TX and RX at the
other :)

Computers are transmitters and GPS/Modem and printers are receivers.

But mobile phones, palmtops and laplink cables are for connecting to other
computers (i.e. transmitter to transmitter) so need a NULL (cross over)
wiring. So they are transmitters that LOOK (at the end of the cable) like
receivers and hence plug into computers ok.

The GPS is a receiver so a straight through connects it to the PC

So PalmtopTX(+null cable) PLUS NULL adaptor PLUS straight cable -> GPSRX

In my car however I have:

GPS (receiver) + null modem cable + NULL modem adaptor + null modem cable +
Packet Radio Modem (receiver)

Clearly I could just use two straight cables and a null adaptor - but this way
the plugs that fit into the null modem adaptor are just right for
disconnecting and plugging either the GPS or Radio Modem straight into a PC...

(see why I had to think about it now.. :))

(shuts up)
Carl.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] MURS

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 5 Nov 2000 06:10:40 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118250-2000.11.05-08.20.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

has anyone decided on any use for the murs frequency (s)

i have been hanging out on 151.880 mhz in las vegas. quite a few hams have
radios already that go on the channel.

   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] MURS

From: Scott Anderson <scott.anderson@stanford.edu>
Date: Sun, 05 Nov 2000 22:05:10 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118369-2000.11.06-00.16.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmm.. I just tuned into that frequency in the SFBay / Silicon Valley area,
and I heard some assorted packet (I think) and a little CW in there too I
think and just now a little voice (sounds like a dispatcher). It's pretty
busy here. Anyone have any suggestions for finding out what the packet
is?? I'm using a TH-D7A(G), I'm a bit of a packet novice. Is it worth
trying to find out who is using this frequency?

73 de Scott

Subject: MURS
From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 5 Nov 2000 06:10:40 -0800

X-Message-Number: 1

has anyone decided on any use for the murs frequency (s)

i have been hanging out on 151.880 mhz in las vegas. quite a few hams have
radios already that go on the channel.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] PG4R Cable

From: "Dwayne Moffett" <dmoffett@aaicontrols.com>
Date: Mon, 6 Nov 2000 11:57:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118442-2000.11.06-12.17.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone on this list have a Kenwood PG4R Cable? If so I would like the
schematics or I would purchase it for the right money. Kenwood stopped
making these cables when they were slapped on the hands by the FCC and some
of us would still like one. Thanks in advance. If you want email me direct
dmoffett@aaicontrols.com

KD5LDQ (Dwayne)
[Attachment: winmail.dat; application/ms-tnef; 1,664 bytes]

18. [htaprs] Re: PG4R Cable

From: Valentino Sarro <sarrov@home.com>
Date: Mon, 06 Nov 2000 15:35:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-118465-2000.11.06-16.45.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know if this was mentioned previously or not......

Assuming I've understood your post and that the PG-4R cable is the PC cable to
the Kenwood D7....

I've found that some of the serial cables which are used to connect digital
cameras to the computers serial port may also be used on the D7.... in most
cases the plug end (to the Kenwood) is too large and I simply purchased an
adapter from RadioShack which converts the 3.5 mm plug to 2.5 mm size.

I only say this, as this might be an easier (cheaper?) alternative to buying the
PG-4R cable.

Cheers,
Tino, VE6SZR
Calgary, Alberta

Dwayne Moffett wrote:

> Does anyone on this list have a Kenwood PG4R Cable? If so I would like the
> schematics or I would purchase it for the right money. Kenwood stopped
> making these cables when they were slapped on the hands by the FCC and some
> of us would still like one. Thanks in advance. If you want email me direct
> dmoffett@aaicontrols.com
>
> KD5LDQ (Dwayne)
>
>   ---
>   Name: winmail.dat
>   winmail.dat   Type: application/ms-tnef
>   Encoding: base64

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] Re: PG4R Cable

From: "toast" <toast68@snet.net>
Date: Mon, 6 Nov 2000 22:21:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-118510-2000.11.06-21.34.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I made my own cable, it is actually pretty simple.... All you need to do is buy a DB9 at Radio Shack and a 2.5MM 6' cable from Mouser. For under $10 you have a cable. I downloaded free software on the net to program memory channels and hyperterminal works fine for running regular packet. Pins 1, 4 and 6 get jumped together. Pins 7 and 8 get jumped together. Pin 2 is RXD, pin 3 is TXD and pin 5 is ground. RXD goes to Tip, TXD goes to ring, sleeve goes to ground.

> I don't know if this was mentioned previously or not......
>
> Assuming I've understood your post and that the PG-4R cable is the PC cable to
> the Kenwood D7....
>
> I've found that some of the serial cables which are used to connect digital
> cameras to the computers serial port may also be used on the D7.... in most
> cases the plug end (to the Kenwood) is too large and I simply purchased an
> adapter from RadioShack which converts the 3.5 mm plug to 2.5 mm size.
>
> I only say this, as this might be an easier (cheaper?) alternative to buying the
> PG-4R cable.
>
> Cheers,
> Tino, VE6SZR
> Calgary, Alberta
>
>
> Dwayne Moffett wrote:
>
> > Does anyone on this list have a Kenwood PG4R Cable? If so I would like the
> > schematics or I would purchase it for the right money. Kenwood stopped
> > making these cables when they were slapped on the hands by the FCC and some
> > of us would still like one. Thanks in advance. If you want email me direct
> > dmoffett@aaicontrols.com
> >
> > KD5LDQ (Dwayne)
> >
>

> >   Name: winmail.dat
> >   winmail.dat   Type: application/ms-tnef
> >   Encoding: base64
>
>
> ---
> You are currently subscribed to htaprs as: toast68@snet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] Re: TNC Won't Decode D7A(G) Packets

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Tue, 07 Nov 2000 13:00:51 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-118583-2000.11.07-13.11.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>

> Are you at 9600 or 1200?
>
> Bob
>
> On Tue, 13 Jun 2000, Joel B. Black wrote:
>
> > I just got my 'D7A(G) from UPS. I cannot make my Paccom TNC (at my QTH)
> > decode APRS from my D7A. TxDelay has been changed to all different settings
> > and is currently at 500msec. Any pointers?
> >
> > Tnx es 73,
> >
> > Joel B. Black, K2SAT

Or, What Software are you using.. D7 and D700 uses
compressed data??
73!

Robbie wa9inf

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] TH D7A or A(G) with MacAPRS

From: Qrpvhf@aol.com
Date: Tue, 7 Nov 2000 14:19:22 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118588-2000.11.07-13.29.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there any troubles to look out for with this combo?

73's
Jacob Tennant,K8JWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] MacAPRS thru the sound ports on a Mac LC/LC2?

From: Qrpvhf@aol.com
Date: Tue, 7 Nov 2000 14:55:01 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118592-2000.11.07-14.05.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since I know it is possible to use the sound card as a TNC for WinAPRS, is it
possible or been tried to run MacAPRS thru the built-in Mac sound ports.

I have a LC and a LC2 with spkr and microphone ports so as to let sound in
and out.

I was figuring wiring would be basically the same as for Win interface.

Also seen the KISS TNC article in Nov.'00 QST and was wondering if MacAPRS
will do the same operations?

Not yet a user of MacAPRS as still resurrecting the Mac's and haven't got
them running yet. Hopefully this afternoon... after a local friend gives me
the PCfile reader extension.

73's
Jacob Tennant,K8JWT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] APRSDATA - should it tx sat freqs?

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Tue, 7 Nov 2000 15:05:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118593-2000.11.07-14.16.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gentlemen

I am running APRSdata to send sat positions and
schedules out to my local area.
I loaded a set of new keps from AMSAT after a bit
of manual editing to get rid of mir and dead sats...

A friend with a D700 asked me if its possible to send
the UPlink and DOWNlink freqs along with the sat AOS
times? I believe there are spots for this data in the
OBJECT comments, but I must have fouled it up someway.

Is it supposed to send uplink/downlink info?

Ed N3SDO

Ed Bathgate   MFG Engineering Technician.
Bldg 4. (724) 742-6575   Marconi

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] Re: [Ham-Mac] MacAPRS thru the sound ports on a Mac LC/LC2?

From: Chris Smolinski <csmolinski@erols.com>
Date: Tue, 07 Nov 2000 15:30:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-118596-2000.11.07-14.41.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Old 68k Macs don't have nearly enough processing power to do this. It's
really time to retire these old beasts, folks.

MultiMode, which runs on PPC Macs, can transmit and receive 300 and 1200
baud packet through the sound ports. There's no interface to MacAPRS
yet. I've considered adding it, but haven't had sufficient interest
expressed in such a feature.

73
Chris
N3JLY

Qrpvhf@aol.com wrote:
>
> Since I know it is possible to use the sound card as a TNC for WinAPRS, is it
> possible or been tried to run MacAPRS thru the built-in Mac sound ports.
>
> I have a LC and a LC2 with spkr and microphone ports so as to let sound in
> and out.
>
> I was figuring wiring would be basically the same as for Win interface.
>
> Also seen the KISS TNC article in Nov.'00 QST and was wondering if MacAPRS
> will do the same operations?
>
> Not yet a user of MacAPRS as still resurrecting the Mac's and haven't got
> them running yet. Hopefully this afternoon... after a local friend gives me
> the PCfile reader extension.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Re: APRSDATA - should it tx sat freqs?

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 7 Nov 2000 16:08:22 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-118600-2000.11.07-15.18.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 7 Nov 2000, Bathgate, Ed wrote:

> I run APRSdata to send sat positions and schedules out to my local area.
> A friend with a D700 asked me if its possible to send
> the UPlink and DOWNlink freqs along with the sat AOS
> times? I believe there are spots for this data in the
> OBJECT comments, but I must have fouled it up someway.

It is automatically included in every OBJECT. You cannot turn it off.
So its there for any D7 or D700 to see.

It is NOT in the "schedule" that shows up on the DX list, but it is
included in every satellite object when it is in view and transmnitted...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] RE: APRSDATA - should it tx sat freqs?

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Tue, 7 Nov 2000 17:19:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-118603-2000.11.07-16.29.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I keep a handwritten list of freqs, and modes.
I believe I have busted something in the software...

Here is a transcript of D-700 object as of 10 minutes ago.

```
FO29                    OBJECT
N67` 37.62'      2397MI( ^ )
W118` 15.38'   DP07UP  ( | ) 321`
CSE 336`  S999M     FROM:N3SDO-3
0    +0/0    0/R=04291 / MODE-
```

I assume where the zeros are is where the uplink/downlink
freq info is supposed to be.

Any suggestions on what I screwed up?

Ed N3SDO

Ed Bathgate   MFG Engineering Technician.
Bldg 4. (724) 742-6575   Marconi

-----Original Message-----
From: Bob Bruninga [mailto:bruninga@usna.edu]
Sent: Tuesday, November 07, 2000 4:08 PM
To: Bathgate, Ed
Cc: TAPR Hot Technology APRS
Subject: Re: [htaprs] APRSDATA - should it tx sat freqs?

On Tue, 7 Nov 2000, Bathgate, Ed wrote:

> I run APRSdata to send sat positions and schedules out to my local area.
> A friend with a D700 asked me if its possible to send
> the UPlink and DOWNlink freqs along with the sat AOS
> times? I believe there are spots for this data in the
> OBJECT comments, but I must have fouled it up someway.

It is automatically included in every OBJECT. You cannot turn it off.
So its there for any D7 or D700 to see.

It is NOT in the "schedule" that shows up on the DX list, but it is
included in every satellite object when it is in view and transmnitted...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] RE: TH D7A or A(G) with MacAPRS

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 7 Nov 2000 17:39:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118605-2000.11.07-16.50.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Qrpvhf@aol.com
> Sent: Tuesday, November 07, 2000 14:19 PM
> Subject: [htaprs] TH D7A or A(G) with MacAPRS

> Is there any troubles to look out for with this combo?

I ran this combo for a while with a PB180 and it ran just fine, the old PB finally strated to get falkey and I had to quit and use APRSDOS on a Toshiba 386SX system I had ...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Win CE

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Tue, 7 Nov 2000 16:18:48 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118612-2000.11.07-18.29.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone tell me the current status of the Win CE
version and what machines it will run on?

73, Barry
VE7VIE/KD7IGX

_____
Do You Yahoo!?
Thousands of Stores. Millions of Products. All in one Place.
http://shopping.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Vincinity tracking

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Tue, 7 Nov 2000 20:34:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118623-2000.11.07-19.42.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am leaving for Mississippi Thursday and was wondering how to set up my D7A and D700A for use without a GPS. I remember Bob talking about "vicinity tracking" via digi's. I was thinking this would work so my wife KC8NVY could keep tabs on my travels.
TNX & 73,
Ron Karger AB8DT

30. [htaprs] [Ham-Mac] MacAPRS thru the sound ports on a Mac LC/LC2?

From: Ernst Niggli <niggli@pyl.unibe.ch>
Date: Wed, 08 Nov 2000 08:23:54 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118658-2000.11.08-01.34.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Chris,

I have tested MultiMode several times and realized that it is constantly improving and incorporating new features. Since most of my "digital" activity is on APRS, I am not yet using it. Should it contain an

interface to MacAPRS, I would certainly go ahead and register it.

It is probably not worthwhile to add a lot of APRS features to MultiMode
itself. But maybe MultiMode could act as a soft TNC for the existing
MacAPRS and somehow "pipe" the data to other programs, analogous to
AGWPE. The port functions in MacAPRS should provide the necessary
interfacing structure via TCP/IP. This may then also work for other
programs to use MultiMode as an universal link between packet-radio and
TCP/IP (like browsers, terminal emulators and other stuff using TCP/IP).

If you have time to work on it, please consider this as a potentially
very useful feature for Multi-mode.

Best wishes

--
Ernst Niggli HB9PVI

WWW:
http://beam.to/HB9PVI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] RE: Win CE

From: "Andrew Davidson" <adavidson@xtra.co.nz>
Date: Wed, 8 Nov 2000 21:55:32 +1300
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118670-2000.11.08-03.06.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The latest Beta build (806) just expired at the end of October, but I
believe Rob is busy working on an update.

I have successfully run it on a Jornada 545 (Pocket PC) with a TH-D7E, and a
Lowrance GPS.
Andy
ZL3TPL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] Re: [Ham-Mac] MacAPRS thru the sound ports on a Mac LC/LC2

From: KC2EAW@aol.com
Date: Wed, 8 Nov 2000 09:43:31 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118689-2000.11.08-08.53.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Chris; I've tried MultiMode a few times on a 250 mhz Wallstreet
PowerBook but could never get it to decode anything properly in any mode.
I was really interested in PSK31 but the 1200 baud packet was an added
attraction. I gave up figuring it was the sound circuitry in the PB that
was at fault.

The ability to interface with MacAPRS would be a great addition, even if
I can't run it in my present configuration. I just added a 6115CD to my
collection, do you think MultiMode will run on that machine?

Dan Speranzo
KC2EAW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] RE: Win CE

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 8 Nov 2000 10:02:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118696-2000.11.08-09.11.42--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Right you are... my apologies for not communicating this to the list sooner.

The number of free "cycles" that I have to work on APRS/CE right now is more limited than I'd like, but I have been working on it. I'm planning on having another build out by the end of this week. I will probably make it good 'til March, since my time-between-builds is longer than I have been estimating.

Thanks, everyone, for your continued patience!

-Rob
KZ5RW

-----Original Message-----
From: Andrew Davidson
Sent: Wednesday, November 08, 2000 3:56 AM

The latest Beta build (806) just expired at the end of October, but I believe Rob is busy working on an update.

I have successfully run it on a Jornada 545 (Pocket PC) with a TH-D7E, and a Lowrance GPS.
Andy
ZL3TPL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] Kudos to Kenwood Service Center

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 8 Nov 2000 11:20:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118711-2000.11.08-10.27.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently upgraded my D7 with the E version firmware. When I unpacked the unit, it slipped out of my hands, bounced off my knee, and fell on the floor. The shaft for the control knob snapped off, leaving the unit unusable. It surprised me that the shaft broke. The radio fell only two feet, so beware that the control knob is fragile. The shaft is very thin brass, perhaps 1/10th inch in diameter. If the antenna had been attached, perhaps it would not have struck the knob when it fell, but it is still a potential problem. I saw another posting regarding the same damage to another D7. I would expect this repair to be very expensive.

I returned the unit to Kenwood for service. I explained that it was my clumsy hands that caused the problem, and offered to pay for the repair. They fixed the unit free of charge and returned it to me. This kind of service is above and beyond what I expected from them. When I get bad service, I am the first to complain, so it is only fair that I thank them for good service.

Thanks to Kenwood Service Center East

Rich Carter - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] d7 and emap garmin

From: "Tom Hoedjes" <al0l@arrl.net>
Date: Wed, 8 Nov 2000 13:12:14
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118727-2000.11.08-13.22.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there,

Just bought an emap from garmin and connected it to the d7...

Put the set in nmea but no position is showing up...
The pos stays at 00.00.00 but the decimals are blinking...

APRS stations hearing on the d7 are showing up in my
emap....

Is this a problem with the gps string from the emap.... I
have an European type D7 first model...

Does the d7a(g) works with the emap...?? would be a reason
to buy one....while i am down here...

73 from a sunny Florida..

de Tom HB9DOD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: d7 and emap garmin

From: "Tom Hoedjes" <al0l@arrl.net>
Date: Wed, 8 Nov 2000 14:59:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118731-2000.11.08-14.10.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> P.S. Please hurry and count those ballots!!! I want to
know the results!!
> HI HI... Let me know if that worked getting the data into
the D7
> -Rob-
>

Put the emap in nmea
Switched the d7 on and off, cycled through the tnc

NO WAY   the decimals and degrees in my pos   are blinking
but the right pos doesnt show up...

but it does put the aprs stations on the emap as
waypoints.....

I think my version of the d7 does not understand the emap
nmea format....
maybe to much digits after the comma....I think the first A
serie had the same trouble....

de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: Vincinity tracking

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 8 Nov 2000 15:56:24 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-118736-2000.11.08-15.06.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 7 Nov 2000, Ron Karger AB8DT wrote:

> I am leaving for Mississippi Thursday and was wondering how to set up
> my D7A and D700A for use without a GPS. I remember Bob talking about
> "vicinity tracking" via digi's. I was thinking this would work so my

> wife KC8NVY could keep tabs on my travels.

Vicinity tracking works in APRSdos based on the RF path. So it is useless
after a posit traverses through the internet where the original RF path is
stripped off.

Best thing to do is to look at the map beforehand and jot down the
LAT/LONG of the 3 or 4 key points you may visit or pass through. Then you
can always estimate your actual position relative to one of these. It is
easy considering that a minute of LAT/LONG is about a mile within about
10% in the USA.

This is more than adequate when you have position ambiguity enabled anyway
so that your posit is only posted to the nearest mile anyway. Knowing the
LAT/LONG of my house, I think I can estimate my position just about
anywhere in the county to a few miles... close enough to let people know
where I am ...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: d7 and emap garmin

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 08 Nov 2000 15:24:44 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118741-2000.11.08-15.37.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:12 AM 11/8/00, Tom Hoedjes wrote:
>Hi there,
>
>Does the d7a(g) works with the emap...?? would be a reason
>to buy one....while i am down here...

Yup the both the US non-G and G upgrades work fine wih the eMap. Tried and
tested by me. The newer versions of eMap firmware also allow NMEA in, so
you can plot other people's position reports as waypoints.

73,

Mark
KC7BXS

Why do we have an Electoral College?
http://lcweb2.loc.gov/const/fed/fedpapers.html

Electoral College FAQ
http://www.nara.gov/fedreg/elctcoll/faq.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Magellan Map 330

From: "ATT" <jbeamer@att.net>
Date: Thu, 9 Nov 2000 07:02:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118826-2000.11.09-06.13.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I would like to throw out a question to see if I'm getting the same results
as others. I just purchased a Magellan Map 330. After connecting it to my
D7(G) I had no problem getting the 330 to feed the position to D7.

What didn't happen is that stations where not listed on 330 as waypoints.

Should they be or is this feature not supported by the Magellan Map 330?

73 de,
John Beamer
W4UTA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] RE: Magellan Map 330

From: Walter Dunckel <walter@radiohound.com>
Date: Thu, 9 Nov 2000 05:05:51 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118833-2000.11.09-07.12.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check the documentation that came with the unit to see if there is a setting for the MM330 for NMEA in and out. Also check the TH-D7(G) to make sure you have waypoints selected (on). If these are both correct, perhaps it is a problem with your wiring.

Walter
http://www.radiohound.com

<I would like to throw out a question to see if I'm getting the same results
<as others. I just purchased a Magellan Map 330. After connecting it to my
<D7(G) I had no problem getting the 330 to feed the position to D7.

<What didn't happen is that stations where not listed on 330 as waypoints.
<Should they be or is this feature not supported by the Magellan Map 330?

<73 de,
<John Beamer
<W4UTA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] Tripmate fire sale, and GPS III question

From: "Richard Carter" <rich.carter@windriver.com>
Date: Thu, 9 Nov 2000 09:18:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118843-2000.11.09-08.26.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Delorme is selling off their remaining tripmates for $50. Not a bad deal if
you just want a sensor.
http://www.delorme.com/redirect/specialoffer.asp?number=251466&code=3342

I already have one, but would like something that has a mapping display.
I'm considering the purchase of a Garmin GPS-III. Does anyone know if it
accept the WPL sentence required to transfer waypoints from the D7 or D700?

Rich - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] Re: Tripmate fire sale, and GPS III question

From: "Jim King" <jim@jimking.net>
Date: Thu, 9 Nov 2000 09:13:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-118857-2000.11.09-09.26.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Carter wrote:
> I already have one, but would like something that has a mapping display.

> I'm considering the purchase of a Garmin GPS-III. Does anyone know if it
> accept the WPL sentence required to transfer waypoints from the D7 or
D700?

My two Garmins - III+ and 12XL - both show waypoints from my D7.

Jim KD5LUQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: d7 and emap garmin

From: Carl Littlejohns <carl_mail@dr.com>
Date: Thu, 09 Nov 2000 22:08:09 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-118893-2000.11.09-16.19.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have just bought myself a TMD700e. How can I tell what version the firmware
is?

Meanwhile I'm impressed with it - but it is clear that the left hand VFO is
much better at 2m than the right.   Do people find that it crashes like the
THD7 with some packets or is it more robust?

Carl GW0TQM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] handsfree

From: Carl Littlejohns <carl_mail@dr.com>
Date: Fri, 10 Nov 2000 08:15:38 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: carl_mail@dr.com
Message-ID: <LYR845-118963-2000.11.10-02.27.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Im just about to put the TM D700 into the car. I have an ICOM 8way mic plug
to (telephone dial) 8 pin socket, needless to say the pins are not the
same as for the Kenwood - but I have identified the Ptt and gnd, and mic+ and
mic- so that's ok.

Except it isn't. The IC207H was happy with an ex-PC microphone, but the
D700 can't hear anything through it.   Do I need a tie clip electret with
a battery :(The ICOM never did. PTT works fine.

Meanwhile its still in the shack and Im deciding what PM settings to store.

What hands free mics are people using with the TMD700?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] ADMIN: Monthly Message

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Fri, 10 Nov 2000 10:32:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119008-2000.11.10-11.11.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in discussing the new, hot
technologies related to APRS (for example, the APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects that are only tangentially related to hot technologies related to APRS (like "what kind of car should I buy for my new Kenwood transceiver?") may be considered off-topic. If you start a message with "this is off-topic..." then you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you are referencing. (The HTAPRS SIG software has been optioned to limit the length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] RE: handsfree

From: "Darryl Smith" <darryl@radio-active.net.au>
Date: Sun, 12 Nov 2000 18:38:44 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119194-2000.11.12-01.48.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day All

My D-700 (and TM-251 before that) were connected to a cell-phone hands free microphone put on the strut between the windshield and the drivers window. I found an electret mic that was about 3/16" diameter and have that sticking under the plastic work just hanging about 1" out... This is about 6-9" from my mouth when I am talking. I then connected this to the radio with a bias resister to 8V.

PTT is more impressive. I drive a manual car. I went to my local Radio Shack/Tandy store and purchased a foot switch for a dictation machine. I wired this into the PTT line of the radio.

The whole setup works well - I can drive and talk at the same time - and I do not accidently press the PTT, except sometimes momentarily by accident...

John N8UR can confrirm that it works well... He heard me use it a few times over the last few days...

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Kenwood D7, Garmin Etrex and Palm IIIe

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Sun, 12 Nov 2000 22:03:22 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119393-2000.11.13-00.13.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I have all three now - can someone with the same
please give me all the cable pinouts?

Thx.
VE7VIE/KD7IGX

_____
Do You Yahoo!?
Yahoo! Calendar - Get organized for the holidays!
http://calendar.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Re: Kenwood D7, Garmin Etrex and Palm IIIe

From: Eric Cuthbert <cuthbert@sympatico.ca>
Date: Mon, 13 Nov 2000 17:38:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-119561-2000.11.13-16.48.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Part of the fun of having all these toys is figuring out how they go
together ;?)=)

-=73=- Eric/va3ewc

Barry Bogart wrote:
>
> OK, I have all three now - can someone with the same
> please give me all the cable pinouts?
>
> Thx.
> VE7VIE/KD7IGX
>

--
Where's Eric ??   http://map.findu.com/va3ewc-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] TH-D7A(G)

From: Rick Edwards <threepalms@earthlink.net>
Date: Wed, 15 Nov 2000 10:06:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119856-2000.11.15-12.16.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,

Kenwood recently upgraded my TH-D7A to the "G" version and I didn't have
much of a chance to check it out before I went on a trip to New York
City (I live in Seal Beach, CA).

While there, I got the lat/lon off my GPS and manually plugged in the
numbers to the TH-D7. After I confirmed several packets got out,
findu.com placed me at the south end of Central Park; south and east of
the GPS coordinates at 79th St. & Columbus. Hmm.....

After I got home, I plugged in the lat/lon of my home QTH as taken off
WinAPRS with PM3. Again, I came up on my home WinAPRS south and east of
my actual location roughly the same distance as in New York.

So what we have here appears to be the same symptom using lat/lon from
different sources on opposite ends of the country. The only common
factor is that I manually put in the numbers to my newly upgraded
TH-D7A(G). I know the TH-D7(G) uses a compressed data format...could
something in that be buggered up internally in the TH-D7A(G)?

Has anyone else had this or a similar problem? Suggestions?

Thanks de K6TVI - Rick

APRS:K6TVI, K6TVI-14 & K6TVI-3(intermittently)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Re: TH-D7A(G)

From: "Jim King" <jim@jimking.net>
Date: Wed, 15 Nov 2000 12:13:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119857-2000.11.15-12.24.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rick Edwards wrote:

> So what we have here appears to be the same symptom using lat/lon from
> different sources on opposite ends of the country. The only common
> factor is that I manually put in the numbers to my newly upgraded
> TH-D7A(G). I know the TH-D7(G) uses a compressed data format...could
> something in that be buggered up internally in the TH-D7A(G)?
>
> Has anyone else had this or a similar problem? Suggestions?

Do you have position ambiguity turned on?

Reports from my TH-D7A(G) show up in exactly the right spot on findu.com, so
I don't think it's a general problem with the TH-D7A(G).

Jim KD5LUQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Re: TH-D7A(G)

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Wed, 15 Nov 2000 10:15:51 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-119858-2000.11.15-12.28.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 15 Nov 2000, Rick Edwards wrote:

> So what we have here appears to be the same symptom using lat/lon from
> different sources on opposite ends of the country. The only common
> factor is that I manually put in the numbers to my newly upgraded
> TH-D7A(G). I know the TH-D7(G) uses a compressed data format...could
> something in that be buggered up internally in the TH-D7A(G)?

About how far is it off? Is it in the neighborhood of 100 meters or
less? If so, it might be your choice of datum that you've selected
on the GPS itself. It should be set to WGS84 before you read off
the numbers and plug them into APRS equipment.

Most of my paper maps use NAD27 datum, so I'm constantly having to
switch my GPS back and forth.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] RE: TH-D7A(G)

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 15 Nov 2000 13:32:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119860-2000.11.15-12.42.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could it be an issue of your GPS reading out (and you entering)
degrees-minutes-seconds, and the D7A(G) expecting degrees-minutes-fractional
minutes? In the Northern Hemisphere and West of the Prime Meridian doing
just that would make your transmitted position read to the south and east of
your actual position. (Unless you happened to be at a position that had no
fractional number of minutes in both latitude and longitude -- pretty
unlikely!)

Hope this helps.

   -Rob
    KZ5RW

-----Original Message-----
From: Rick Edwards
Sent: Wednesday, November 15, 2000 1:07 PM

<SNIP>

While there, I got the lat/lon off my GPS and manually plugged in the
numbers to the TH-D7. After I confirmed several packets got out,
findu.com placed me at the south end of Central Park; south and east of
the GPS coordinates at 79th St. & Columbus. Hmm.....

After I got home, I plugged in the lat/lon of my home QTH as taken off
WinAPRS with PM3. Again, I came up on my home WinAPRS south and east of
my actual location roughly the same distance as in New York.

</SNIP>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] Re: TH-D7A(G)

From: Rick Edwards <threepalms@earthlink.net>
Date: Wed, 15 Nov 2000 15:42:00 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-119871-2000.11.15-17.54.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim King wrote:
>
> Rick Edwards wrote:
>
> > So what we have here appears to be the same symptom using lat/lon from
> > different sources on opposite ends of the country. The only common
> > factor is that I manually put in the numbers to my newly upgraded
> > TH-D7A(G). I know the TH-D7(G) uses a compressed data format...could
> > something in that be buggered up internally in the TH-D7A(G)?
> >
> > Has anyone else had this or a similar problem? Suggestions?
>

> Do you have position ambiguity turned on?
>

No!

Rick - K6TVI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] Re: TH-D7A(G)

From: Rick Edwards <threepalms@earthlink.net>
Date: Wed, 15 Nov 2000 15:44:19 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-119872-2000.11.15-17.54.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Curt Mills, WE7U" wrote:
>
> On Wed, 15 Nov 2000, Rick Edwards wrote:
>
> > So what we have here appears to be the same symptom using lat/lon from
> > different sources on opposite ends of the country. The only common
> > factor is that I manually put in the numbers to my newly upgraded
> > TH-D7A(G). I know the TH-D7(G) uses a compressed data format...could
> > something in that be buggered up internally in the TH-D7A(G)?
>
> About how far is it off? Is it in the neighborhood of 100 meters or
> less? If so, it might be your choice of datum that you've selected
> on the GPS itself. It should be set to WGS84 before you read off
> the numbers and plug them into APRS equipment.
>

I forgot to mention how far it is off. It is around 1 mile. Also as I
said, I've used lat/lon from two different sources. One from GPS and one
from Precision Maps 3.0 with similar results.

> Most of my paper maps use NAD27 datum, so I'm constantly having to
> switch my GPS back and forth.
>
> Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
> Senior Methods Engineer/SysAdmin
> "Lotto: A tax on people who are bad at math." -- unknown
> "Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] Phase 3D now in orbit!

From: Walter Dunckel <walter@radiohound.com>
Date: Wed, 15 Nov 2000 18:34:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119887-2000.11.15-20.42.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A successful launch has brought P3D (the biggest amateur radio satellite ever) into orbit.

See
http://www.arianespace.com/status_mini.html

And
http://www.amsat.org

for more info.

It might be a long time before they finish all the necessary tests, but it should bring on a new era in
amateur satellite work!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

56. [htaprs] D700 low mic gain problem

From: "Richard Carter" <rich.carter@windriver.com>
Date: Thu, 16 Nov 2000 11:18:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119972-2000.11.16-10.25.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I get occasional reports that the audio from my D700 is weak. I always hold the mic in front of my mouth, so it appears to be a problem with the radio. I hate to send it in for repair when the problem is intermittent. Has anyone else experienced similar problems? Is there a mic gain adjustment anywhere?

Rich - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] Re: D700 low mic gain problem

From: "Rich" <n0rul@kscable.com>
Date: Thu, 16 Nov 2000 11:53:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-119989-2000.11.16-12.04.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had a similar intermittent audio problem on three Kenwood TM733s. Sometimes the mic audio was sufficient and sometimes mic audio was unreadable. I sent the radios to Kenwood west requesting they check audio in path. I told them no hurry just find the problem. It only took 5 weeks including shipping time and cost about $87 including shipping per radio. They had to replace at least one surface mount part in each and gave them all a tune up. Kenwood made them work great again.

The cause of my problem was I had plugged a MIC-E (with Kenwood personality header) into the RJ-45 microphone jack of those radios and used it that way for a few days. No immeadiate apparent damage but over time I received reports of the mic audio sometimes being weak.

There is a TAPR addendum to add a diode into the MIC-E if you are going to use it via an RJ45 mic connector of a newer Kenwood radio.

Probably not directly related to your mic audio problem but the techs at Kenwood west get my thumbs up for quality since my local bench techs couldn't isolate the intermittent mic audio problem.

btw- current time on the TH-D7(G) upgrade is just under 5 weeks.

Rich - NØRUL
n0rul@kscable.com

----- Original Message -----
Subject: [htaprs] D700 low mic gain problem
> I get occasional reports that the audio from my D700 is weak. I always
hold
> the mic in front of my mouth, so it appears to be a problem with the
radio.
> I hate to send it in for repair when the problem is intermittent. Has
> anyone else experienced similar problems? Is there a mic gain adjustment
> anywhere?
>
> Rich - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] THD7A(G) - problem???

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 16 Nov 2000 16:58:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120034-2000.11.16-16.09.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had been using my D7 until last week when the battery ran down, I put
it aside and then at the beginning of the week I popped it into the
charger and let it sit overnight. 14 hours later I took it out and it
wouldn't power up. Thinking the battery was shot I tried another battery
and same deal 14 hours later ... it powers up if I plug the charger into
the plug on the D7 but nothing happens unless power is coming in through
the plug .... seems somehow its not 'talking' to the battery ... anyone
seen anything like this?// Sigh, I guess its off to Kenwood East ...

72 de brian, n1bq

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
mailto:n1bq@wulfden.org
AMSAT LM-1418   NJQRP #274
QRP-L #2276   Zombie #768

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

59. [htaprs] Re: D700 low mic gain problem

From: Carl Littlejohns <carl_mail@dr.com>
Date: Fri, 17 Nov 2000 01:23:34 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-120069-2000.11.16-19.37.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The mic audio seems ok, but I dont use the supplied mic in the car so I cant
say it would all of the time. I wondered about the 8v feed to the electret I
have it isolated from the kenwoods audio gubbings with a 1mfd cap - I was
thinking of losing the cap to increase the gain but the mic-e report has made
me think again.

Carl
gw0tqm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

60. [htaprs] RE: THD7A(G) - problem???

From: Walter Dunckel <walter@radiohound.com>
Date: Thu, 16 Nov 2000 19:27:21 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120088-2000.11.16-21.34.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That is the first I've heard of. Sounds like your power adapter receptacle (on the radio) thinks there is a plug in it all the time. The radio will not accept power from the battery while a power adapter is plugged in. (This is a little different than some of their other radios). You could try fiddling with this yourself, or it sounds like maybe it is off to Kenwood.

Walter

-----Original Message-----
From: Brian B. Riley [SMTP:brianbr@macconnect.com]
Sent: Thursday, November 16, 2000 1:59 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] THD7A(G) - problem???

        I had been using my D7 until last week when the battery ran down, I put
it aside and then at the beginning of the week I popped it into the
charger and let it sit overnight. 14 hours later I took it out and it
wouldn't power up. Thinking the battery was shot I tried another battery

and same deal 14 hours later ... it powers up if I plug the charger into
the plug on the D7 but nothing happens unless power is coming in through
the plug .... seems somehow its not 'talking' to the battery ... anyone
seen anything like this?// Sigh, I guess its off to Kenwood East ...

72 de brian, n1bq

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] RE: THD7A(G) - problem???

From: Dale Blanchard <bolero@accessnv.com>
Date: Sat, 18 Nov 2000 10:36:17 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-120293-2000.11.18-12.45.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Walter Dunckel wrote:
>
> That is the first I've heard of. Sounds like your power adapter receptacle (on the radio) thinks there
 is a plug in it all the time. The radio will not accept power from the battery while a power adapter is
 plugged in. (This is a little different than some of their other radios). You could try fiddling with
this yourself, or it sounds like maybe it is off to Kenwood.
>
>But it does charge the battery and does not seem to overcharge.
I leave mine on all the time on my motorcycle on trips and have no
battery warming. It charges the same weather the radio is on or off.
If you run it thru a switched circuit the radio comes back on were you
left it. I wished my D-700 would do that.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

62. [htaprs] Citadel, Interlnk & Intersvr

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 18 Nov 2000 15:37:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120299-2000.11.18-14.51.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     I'm trying to get access to the flash ROM chip in the Citadel using
Interlnk & Intersvr. I'm using a straight DB-9 <> DB-9 (with a gender
changer) between it and my Compaq 5300 using the com ports of each. I'm
getting a "No Connection Established" message on the Citadel ... and I'm
starting Intersvr first, then trying to get the Citadel to connect. Am
I missing something? Does anyone have a help file (or some such docu-
mentation) for these programs?   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

63. [htaprs] Upgrade procedures for D7a to D7aG

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 18 Nov 2000 15:39:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120300-2000.11.18-14.55.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I'd like to upgrade my D7a to "G" (and it needs a few other things done to it anyway). Do I need to get an RMA from Kenwood East first or do I just send it to them? 73

+--+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York [FN30bu] !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+--+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] RE: THD7A(G) - problem???

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sat, 18 Nov 2000 23:32:47 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-120314-2000.11.18-17.45.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> That is the first I've heard of. Sounds like your power adapter receptacle
>(on the radio) thinks there is a plug in it all the time. The radio

Related D7 question. I have a 10v supply to my THD which runs fom a cigarette lighter socket - which CHARGES the THD7! - I assume this only applies whilst it is switched off?? Or is the THD floatcharging its nicad when on external! <shudder>

I assume it would charge faster if I had the full 12v on it.

Carl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

65. [htaprs] RE: THD7A(G) - problem???

From: "Hector Figueroa" <hector.figueroa@gte.net>
Date: Sat, 18 Nov 2000 16:58:57 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120325-2000.11.18-19.11.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had this problem once, just insert the adapter, wiggle it about and remove it. The problem was the battery disconnect switch in there got stuck, and it is too small to really work with. Just try this and I think it will work. I haven't had any trouble since.

Good Luck, 73

Hector KE6VRL

-----Original Message-----
From: bounce-htaprs-13959@lists.tapr.org
[mailto:bounce-htaprs-13959@lists.tapr.org]On Behalf Of Carl Littlejohns
Sent: Saturday, November 18, 2000 3:33 PM
To: TAPR Hot Technology APRS
Cc: htaprs@lists.tapr.org
Subject: [htaprs] RE: THD7A(G) - problem???

> That is the first I've heard of. Sounds like your power adapter receptacle
>(on the radio) thinks there is a plug in it all the time. The radio

Related D7 question. I have a 10v supply to my THD which runs fom a cigarette
lighter socket - which CHARGES the THD7! - I assume this only applies whilst it is
switched off?? Or is the THD floatcharging its nicad when on external!
<shudder>

I assume it would charge faster if I had the full 12v on it.

Carl

You are currently subscribed to htaprs as: hfigueroa@yahoo.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

66. [htaprs] Re: Citadel, Interlnk & Intersvr

From: Claude Head <k5dtn@swbell.net>
Date: Sat, 18 Nov 2000 21:20:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-120332-2000.11.18-21.32.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, Arte. I think Interlnk and Intersrv are the predecessor programs for the

Windows Direct Cable Connection system. While Microsoft, with their
usual thoroughness does not tell you so, I'm pretty sure you need a
null modem cable instead of the straight through serial cable. The null
modem
crosses pins 2 and 3 in the cable. I just tried Direct Cable Connection
between
two of my computers using a Traveling Software (LapLink) blue serial cable
and it worked fine. The blue serial cable is a null modem cable.
Hope this helps. Good luck!
73. Claude

Arte Booten wrote:

> Hi all,
>
>   I'm trying to get access to the flash ROM chip in the Citadel using
> Interlnk & Intersvr. I'm using a straight DB-9 <> DB-9 (with a gender
> changer) between it and my Compaq 5300 using the com ports of each. I'm
> getting a "No Connection Established" message on the Citadel ..

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] d700 Mounting Bracket for Control Head

From: "Steven J Adams" <adamss@datasys.net>
Date: Sun, 19 Nov 2000 1:1:4
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120372-2000.11.19-01.12.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm wondering if Kenwood sells the bracket for the control head of the
D700.

I've mounted the D700 in my work vehicle and would like to be able to swap
it into my personal vehicle quickly and easily. Since the glue has set on
the head bracket, I would like to buy a second bracket for my personal
vehicle.

Any ideas?

Steve Adams
KF4NAT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] MURS APRS 151.880mhz.

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 19 Nov 2000 06:34:38 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120403-2000.11.19-08.45.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

anyone using murs for anything ham radio? APRS?

still hanging out on 151.880 in las vegas nothing going on here.

   http://map.findu.com/kd8s-9   or   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] Citadel, Interlnk & Intersvr, Continued

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 19 Nov 2000 16:50:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120438-2000.11.19-16.05.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     Okay. Null Modem, good. I got the two computers to recognize each
other ... sort of. Drive C in the laptop is drive F to the Citadel.

     But when I do a F:\ <cr> dir /p on the Citadel I'm seeing ASCII
jargon in place of the directories. One character for each directory
which, when I try to CD\ to that directory, am told it's an invalid one.
The Compaq is running Win98.2 with FAT32 ... which is what I think the
problem is. PC-DOS obviously is unaware of the existense of FAT32. Am
I correct in this assumption and (short of reconverting that drive to
FAT16) can you think of a way to transfer files from the Compaq to the
Citadel?   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] Re: Citadel, Interlnk & Intersvr, Continued

From: Dale Blanchard <bolero@accessnv.com>
Date: Sun, 19 Nov 2000 17:18:16 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-120451-2000.11.19-19.30.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Arte Booten wrote:
>
> Hi all,
>
>   Okay. Null Modem, good. I got the two computers to recognize each
> other ... sort of. Drive C in the laptop is drive F to the Citadel.
>
>   But when I do a F:\ <cr> dir /p on the Citadel I'm seeing ASCII
> jargon in place of the directories. One character for each directory
> which, when I try to CD\ to that directory, am told it's an invalid one.
> The Compaq is running Win98.2 with FAT32 ... which is what I think the
> problem is. PC-DOS obviously is unaware of the existense of FAT32. Am
> I correct in this assumption and (short of reconverting that drive to
> FAT16) can you think of a way to transfer files from the Compaq to the
> Citadel?   73
I had to go to my win 95 machine to get mine to work. Still dont know

what I am doing. But if worked. My 98 will not.
This . This pk-unzip-d has still got me confused. Why cant they have
explicit instructions. I need to know every key stroke to type in. and
why. My pen thing only has pk .9 my 98 does not have anything. except
win unzip. And I dont know what any of that crap means.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

71. [htaprs] Alinco APARS Radio

From: JAPalese@aol.com
Date: Mon, 20 Nov 2000 18:32:17 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-120617-2000.11.20-17.43.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi:

Just wondering if anyone is using the Alinco DR-135 radio and what the user's
comments are?

73
John

72. [htaprs] D700 "B01" glitch

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 26 Nov 2000 15:56:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121612-2000.11.26-15.14.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     On the D-700's display, to the right of where PACKET APRS appears
I see something that looks like this:

According to the manual, this means I have an unread message .. I think.
However, I see this even after I've cleared all the messages! It does
not seem to want to go away.

     What is it? How do I get rid of it? What does it mean?   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] RE: D700 "B01" glitch

From: "Rick Olsen" <n6nr@arrl.net>
Date: Sun, 26 Nov 2000 14:50:36 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121621-2000.11.26-17.02.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't know the answer, but does anyone remember what the computer said in
the movie Andromeda Strain? Maybe that's your answer.

rick, N6NR

p.s. just kidding.....you need to process another "delete" even though it
does not show any messages. I've had to do that with my D700 a few times.

-----Original Message-----
From: bounce-htaprs-17098@lists.tapr.org

[mailto:bounce-htaprs-17098@lists.tapr.org]On Behalf Of Arte Booten
Sent: Sunday, November 26, 2000 12:56 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] D700 "B01" glitch

Hi all,

     On the D-700's display, to the right of where PACKET APRS appears
I see something that looks like this:

```
                          _    __
                         | |_  |  |  |
                         |___| |__|  |
```

According to the manual, this means I have an unread message .. I think.
However, I see this even after I've cleared all the messages! It does
not seem to want to go away.

     What is it? How do I get rid of it? What does it mean?   73


```
+------------------------------------------------------------------------+
|Arte Booten  <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York    [FN30bu]    !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+------------------------------------------------------------------------+
```

You are currently subscribed to htaprs as: n6nr@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] RE: D700 "B01" glitch

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 26 Nov 2000 18:48:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121636-2000.11.26-18.01.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Generally it requires one more push of the delete button. It is
definietly a glitch, I see it all the time. Sometimes it won't go away
and what you need is a another new message and then delete it and delet
again and it will go away ... I have not found out the particular
pathology of this is though so I am not sure what the circumstances are
that produce it.

> -----Original Message-----
> From: Arte Booten
> Sent: Sunday, November 26, 2000 15:56 PM

  [snip]

>   On the D-700's display, to the right of where PACKET APRS appears
> I see something that looks like this:
>
```
>                           _    __
>                          | |_  |  |  |
>                          |___| |__|  |
```
>
> According to the manual, this means I have an unread message
> .. I think.
> However, I see this even after I've cleared all the messages! It does
> not seem to want to go away.
>
>   What is it? How do I get rid of it? What does it mean?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

75. [htaprs] RE: D700 "B01" glitch

From: "Jim Gill" <gillj@uswest.net>
Date: Sun, 26 Nov 2000 21:46:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121658-2000.11.26-21.58.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I see this frequently, too. The only thing I can do to see it (without 100%
repeatability) is to delete a message off the "list" before I have actually
"read" it (viewed the complete message).

For me, the "false" indication of unread messages only goes away if I let
the message list fill up with 16 new unread messages, then read them all
completely, then delete them one by one.

Jim N0RMO

> Sometimes it won't go away
> and what you need is a another new message and then delete it and delet
> again and it will go away   [snip]
>
> >   On the D-700's display, to the right of where PACKET APRS appears
> > I see something that looks like this:
> >   _   __
> > | |_ | | |
> > |___| |__| |
> >
> > According to the manual, this means I have an unread message
> > .. I think.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

76. [htaprs] DXcc list for WinApRS

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Sun, 26 Nov 2000 20:53:09 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121672-2000.11.26-23.04.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know a current source for this? I am
unable to access the listed sources (TAPR, Rutgers..).

73, Barry
VE7VIE/KD7IGX

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

77. [htaprs] RE: D700 "B01" glitch

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Mon, 27 Nov 2000 10:28:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121731-2000.11.27-09.40.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

B01 - Yes, mine does that too, I just ignore it.

BTW, has anybody been able to cross band 2m/440
and be able to remotely QSY the D700 via DTMF?

It claims to be able to do this in the book, but
I have only been able to do this when the rig is
not in cross band mode. (what good is this function?)

Ed N3SDO

Ed Bathgate   MFG Engineering Technician.
Bldg 4. (724) 742-6575   Marconi

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] Fw: TM -D700

From: "Jim Gill" <gillj@uswest.net>
Date: Mon, 27 Nov 2000 16:15:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121777-2000.11.27-16.28.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone know the answer to this? I don't know.

Please respond to the original sender (Slawek Kleczyk). Thanks.

Jim N0RMO

----- Original Message -----
From: Slawek Kleczyk (sp6dlo@tomcat.wroclaw.tpsa.pl)
To: jimgill@ix.netcom.com
Sent: Monday, November 27, 2000 2:25 PM
Subject: TM -D700

Dr OM!
I'm TM-D700 trx user with TNC- Kiss Mode Internal.
What programm should I use in WIN98 to work in multichannel mode in PR.
73's de Slawek SP6DLO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] Kenwood D-700 APRS Speech Contest ???

From: "Thom Proehl" <tmproehl@nwlink.com>
Date: Mon, 27 Nov 2000 16:55:23 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121797-2000.11.27-19.06.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know what ever happened with the Kenwood D-700 APRS Speech
Contest?

Thom - -K7FZO
North Bend, WA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

80. [htaprs] APRS Survey 2000 closes in 48 hours, Delaware and South Dakota wanted

From: Richard Parry <rparry@qualcomm.com>
Date: Tue, 28 Nov 2000 19:04:02 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-121988-2000.11.28-21.18.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There are 48 hours remaining in APRS 2000 Survey. I'll close the survey Nov
30 and make the results available this weekend. 861 folks responded! Thanks
to everyone for making the survey a success. I hope the survey database is
useful.

Still need South Dakota and Delaware for WAS. The demographics is shown on
map at:
http://w9if.net/cgi-bin/aprssurvey/voter_profile2k.pl

The survey is at:
http://w9if.net/cgi-bin/aprssurvey/main.pl

For those who missed the Nov 1, announcement, I repeat it below.

thanks,
Rich Parry W9IF
==========
APRS Survey 2000 Now Open
First let me thank nearly 100 APRS folks that provided excellent feedback
for the APRS Survey 2000 web page. This project started 6 months with a
simple idea. I got input from Bob B, and other APRS movers and shakers. I
also got suggestions from amateurs on several APRS mailing lists. I hope
the results of our efforts show.
I feel the need to emphasize that this is not a popularity contest. It is
meant to foster communication between folks with similar equipment. I
provide it as a service in the hopes that some "good" may come from the
information. The survey is based on the honor system. To help prevent
skewing the results, the results will not be posted until the survey period
is over at the end November. However, you can see where the respondents
came from on a map of the US. An amateur radio callsign is required, but
you may remain anonymous if you wish.

APRS Survey 2000 http://w9if.net/cgi-bin/aprssurvey/main.pl

Getting a large number of respondents will aid in providing an accurate
cross-section of the APRS community. So thanks in advance to those that
complete the survey and spreading the word.

81. [htaprs] dc power install new truck

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 29 Nov 2000 17:35:05 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122108-2000.11.29-19.47.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

picking up a new truck this week....what website has all the recommended
installation procedures for getting 12vdc into the cab, fuses, breakers,
power connectors etc. my plan is to come off the aux. battery under the
hood.

ordered my new and first ham plates the other day trying to get

KD8S-7

73

Steve

Las Vegas
  http://map.findu.com/kd8s-9 or http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

82. [htaprs] New Radio TM-D700A

From: "Allan J. Ingram" <cringram@ix.netcom.com>
Date: Thu, 30 Nov 2000 23:31:13
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122236-2000.11.30-23.42.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,
I won the bidding on the D700 that Stan H. tested in the May 2000 QST. Am
interested in obtaining a GPS with removeable antenna (brand?) and a
computer (wife's laptop or a Palm or what else?) Space is limmited in the
2000 VW New Beetle so the Palm looks promising. Any recommendations would
be helpful.
Thanks
Allan Ingram, KE6QCA, La Mesa, CA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

83. [htaprs] RE: New Radio TM-D700A

From: "Phil Greenland" <pgreen@axom.com>
Date: Fri, 1 Dec 2000 00:58:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122247-2000.12.01-00.08.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Allen:
I use a Garmin III + Works great.
Phil

-----Original Message-----
From: bounce-htaprs-9660@lists.tapr.org
[mailto:bounce-htaprs-9660@lists.tapr.org]On Behalf Of Allan J. Ingram
Sent: Thursday, November 30, 2000 11:31 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] New Radio TM-D700A

Hi all,
I won the bidding on the D700 that Stan H. tested in the May 2000 QST. Am interested in obtaining a GPS with removeable antenna (brand?) and a computer (wife's laptop or a Palm or what else?) Space is limmited in the 2000 VW New Beetle so the Palm looks promising. Any recommendations would be helpful.
Thanks
Allan Ingram, KE6QCA, La Mesa, CA

You are currently subscribed to htaprs as: pgreen@axom.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

December 2000

Original source file: htaprs.0012
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0012

1. [htaprs] RE: New Radio TM-D700A

From: "Geo. & Jeanne Brooks" <gbrooks@ncia.com>
Date: Thu, 30 Nov 2000 22:55:53 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122252-2000.12.01-01.09.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Alan,

I just got an Garmin GPSmap 162. It is great interfaced with the either my D700A or D7A(G). Stations are displayed on the GPS using the waypoint feature of the Kenwoods. Built-in maps are fine, but will load in maps from MapSource this weekend. Display is much larger than a Palm.

West Marine is offering the 162 for $360 if you sign up for their credit card.

George, N7HPE

> Hi all,
> I won the bidding on the D700 that Stan H. tested in the May 2000 QST. Am
> interested in obtaining a GPS with removeable antenna (brand?) and a
> computer (wife's laptop or a Palm or what else?) Space is limmited in the
> 2000 VW New Beetle so the Palm looks promising. Any recommendations would
> be helpful.
> Thanks
> Allan Ingram, KE6QCA, La Mesa, CA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] Auto-On GPS?

From: "Robert Snyder N2KGO" <rsnyder@toontown.erial.nj.us>
Date: Fri, 1 Dec 2000 11:48:50
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122288-2000.12.01-11.59.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone know if any of the cheap GPS units can be configured to automatically power on when provided with external power?

I'm looking to semi-permamently mount a GPS unit in my car, and want to run power to it such that it's on when the car is, and it's off when the car is off (and unlikely to be moving. :-)) Since the D700 will keep it's last fix if it loses the GPS, I figure that should work fine....

Right now it looks like the cheapest units out there are the refurb Tripmate, Earthmates, and the eTrex.... The Earthmate is out because of the NMEA issue, and the Tripmate you need to short a pin out to get it to start NMEA. Looking at the online manual, I don't see a way of getting the eTrex to automatically power up.....

Anyone have any suggestions? I'd hoped to mount this in the back window ledge of my car, which makes manually powering it up difficult every time I start the car....

Bob N2KGO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] Re: Auto-On GPS?

From: "Jim King" <jim@jimking.net>
Date: Fri, 1 Dec 2000 12:12:01 -0600

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122289-2000.12.01-12.23.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Anyone have any suggestions? I'd hoped to mount this in the back window
> ledge of my car, which makes manually powering it up difficult every time
I
> start the car....
>
> Bob N2KGO

I can't think of anything inexpensive that would do this, but an OEM board
(plus power supply and antenna) or one of Garmin's TracPak units (a
board/antenna combo; feed it 10-30VDC and it spits out RS-232 NMEA) would
work. I've seen the TracPak's for $180.

Jim KD5LUQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Re: Auto-On GPS?

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Fri, 1 Dec 2000 10:13:45 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-122290-2000.12.01-12.27.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 1 Dec 2000, Robert Snyder N2KGO wrote:

> Anyone know if any of the cheap GPS units can be configured to
> automatically power on when provided with external power?
>
> I'm looking to semi-permamently mount a GPS unit in my car, and want to run
> power to it such that it's on when the car is, and it's off when the car is
> off (and unlikely to be moving. :-)) Since the D700 will keep it's last
> fix if it loses the GPS, I figure that should work fine....

Garmin GPS-35. No display, no buttons, nothing to go wrong.
Weatherproof enclosure (but look out for the supplied screws for
mounting 'cuz they corrode).

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] RE: New Radio TM-D700A

From: "Geo. & Jeanne Brooks" <gbrooks@ncia.com>
Date: Fri, 1 Dec 2000 10:40:38 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122294-2000.12.01-12.53.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A clarification on my original post re the 162. I bought the 162, Garmin
P/N 010-00191-00, which uses a supplied external antenna. This antenna is a
marine style. It would function on a vehicle or at home but would require a
little work building an adapter(or use a marine mount). I had an old
Garmin mag mount antenna which interfaces fine with the 162. The antenna
connection on the GPS is BNC.

There is another 162 designated as the 162i, Garmin P/N 010-00192-00, which
has a built in antenna, these are about $342 using West's current deal.   I
do not know if the 162i will also interface with an external antenna.

The 162/162i 's accept waypoint names up to ten characters long so there is
no truncation of call signs and SSID's.

George, N7HPE

> I just got an Garmin GPSmap 162. It is great interfaced with the either
my
> D700A or D7A(G). Stations are displayed on the GPS using the waypoint
> feature of the Kenwoods. Built-in maps are fine, but will load in maps
> from MapSource this weekend. Display is much larger than a Palm.
>
> West Marine is offering the 162 for $360 if you sign up for their credit
> card.
>
> George, N7HPE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: Auto-On GPS?

From: Claude Head <k5dtn@swbell.net>
Date: Fri, 01 Dec 2000 13:32:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122301-2000.12.01-13.54.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robert: Why not just leave the GPS receiver on all the time?
I leave my Garmin GPS 48 on in the car all the time. It is
never turned off unless I don't plan to drive the car for four
or five days. The current drain is less than 100 ma, and I've
never had a problem with it running down the car battery.
With it on all the time, you would also save the start up
lock time that you will have if you turn it off every time
you park the car.

73, Claude K5DTN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] Re: Auto-On GPS?

From: "Michael Jones" <mjones@hughes.net>
Date: Fri, 1 Dec 2000 12:07:01 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122304-2000.12.01-14.17.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I also switch off the power to my GPS35; actually its controlled by the
ignition switch. For me personally, it has nothing to do with current drain.
I have it go on and off so that my tracker interval time changes
automatically. Startup time for a GPS35 that hasn't moved since it was
turned off is usually less then 30 seconds. However, I have seen it go as
long as 2 minutes. That occasion was when power had been removed for about
14 days.

In my KPC3+ I have the 1st buffer set to clear after transmission and the
2nd buffer set not to clear. Thereby I can have two different beacon rates;
one while moving and one while stationary. Here in SoCal where the aprs
scene is pretty saturated it becomes important to be a nice neighbor.

I also have the two buffers set to two different destination paths. That way
it shows as a truck while moving (GPSLK) and as an 'X' when stopped (GPSBO)

Mike
K6IL

----- Original Message -----
From: "Claude Head" <k5dtn@swbell.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, December 01, 2000 11:32 AM
Subject: [htaprs] Re: Auto-On GPS?

> Robert: Why not just leave the GPS receiver on all the time?
> I leave my Garmin GPS 48 on in the car all the time. It is
> never turned off unless I don't plan to drive the car for four
> or five days. The current drain is less than 100 ma, and I've
> never had a problem with it running down the car battery.
> With it on all the time, you would also save the start up
> lock time that you will have if you turn it off every time
> you park the car.
>
> 73, Claude K5DTN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: Auto-On GPS?

From: "David B Robertson" <DROBER05@prodigy.net>
Date: Fri, 1 Dec 2000 19:05:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122335-2000.12.01-18.21.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use the Rand McNally Streetfinder GPS. I got mine for $70 and that
included the PC software. Without a laptop it is necessary to purchase the
cigarette lighter plug from Rand McNally for about $15. I have had mine for
six months now and have been quite happy with it.

Dave Robertson
KC8JZX
----- Original Message -----
From: Robert Snyder N2KGO <rsnyder@toontown.erial.nj.us>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Friday, December 01, 2000 11:48 AM
Subject: [htaprs] Auto-On GPS?

> Anyone know if any of the cheap GPS units can be configured to
> automatically power on when provided with external power?
>
> I'm looking to semi-permamently mount a GPS unit in my car, and want to
run
> power to it such that it's on when the car is, and it's off when the car
is
> off (and unlikely to be moving. :-)) Since the D700 will keep it's last
> fix if it loses the GPS, I figure that should work fine....
>
> Right now it looks like the cheapest units out there are the refurb
> Tripmate, Earthmates, and the eTrex.... The Earthmate is out because of
> the NMEA issue, and the Tripmate you need to short a pin out to get it to
> start NMEA. Looking at the online manual, I don't see a way of getting the
> eTrex to automatically power up.....
>
> Anyone have any suggestions? I'd hoped to mount this in the back window
> ledge of my car, which makes manually powering it up difficult every time
I
> start the car....
>
> Bob N2KGO
>
> ---
> You are currently subscribed to htaprs as: kc8jzx@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

9. [htaprs] Re: Auto-On GPS?

From: Stephan Greene <sgreene@patriot.net>
Date: Fri, 1 Dec 2000 22:23:17 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-122346-2000.12.01-21.34.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 1 Dec 2000, Robert Snyder N2KGO wrote:

> Anyone know if any of the cheap GPS units can be configured to
> automatically power on when provided with external power?

The Rand McNally GPS unit will fit the bill. When it's connected to power
(nominal 5V DC from the PS/2 mouse port of a laptop but it'll happily run
of 12VDC) it's on; no power and it's off. You'll have to wait for it to
get a position lock, though.

There have been numerous posts to this board about modifying the PS/2
connector, pinouts, or just lopping it off and connecting the power,
ground, and data out lines to your tracker.

73, Steve
KA1LM

Stephan A. Greene   sgreene@patriot.net
Amateur KA1LM@amsat.org Grid FM18hx   38 59'83.33"N 77 23'6.15"W

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] Re: Auto-On GPS?]

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Sat, 02 Dec 2000 19:44:16 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122540-2000.12.02-21.56.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I leave my GPS on all the time but use a ignition switched
relay to interupt
the data to the TNC....
My notes are at
http://kg7il.foxinternet.net/ham/aprs/swdata.htm..
It exploits a KPC-3+ feature. Don't know if the D700 has a
similar feature.

KG7IL, Glenn in Renton, Washington

Robert Snyder N2KGO wrote:

> Anyone know if any of the cheap GPS units can be configured to
> automatically power on when provided with external power?

> Anyone have any suggestions? I'd hoped to mount this in the back window
> ledge of my car, which makes manually powering it up difficult every time I
> start the car....
>
> Bob N2KGO
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] garmin gps3 plus

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 3 Dec 2000 06:36:33 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122618-2000.12.03-08.47.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

swap and shop was yesterday, ham had a garmin gps III plus for $250.00
used

anyone know what the going price is for a used unit?

for some reason i am thinking $150.00

73
http://map.findu.com/kd8s-9 or http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] aprs install new truck

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 3 Dec 2000 06:39:22 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122619-2000.12.03-08.51.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

got my truck its a chevy silverado 4x4 extended cab.

looked under the hood and the fuse block on the drivers side under the hood has two posts labled a and b and its labled aux power. looks to me like i just attach rings post lugs to it and fuse the line into the cab area.

anyone else done this on the chevy, or how did you wire yours?

its got two batteries under the hood main and aux and the isolator. so comeing off the aux.

73

just can't wait to start drilling the roof!!!!

http://map.findu.com/kd8s-9 or http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] Tm-d700a to mini din 8

From: "Jim Richardson" <jtprah@jamadots.com>
Date: Sun, 3 Dec 2000 12:15:30
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122647-2000.12.03-12.26.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just purched a tm-d700a and are haveing problems hooking it to my g3 mac.
Would any one have the schematic for the db9m to minidin 8

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Re: +AFs-htaprs+AF0- aprs install new truck

From: "KC5GOI" <kc5goi@kc5goi.net>
Date: Sun, 3 Dec 2000 21:05:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122720-2000.12.03-21.16.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That is the exact point that I get all my accessory power from. It is fused at 30 amps per post. They will be metric threads.

73

Guy
----- Original Message -----
From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, December 03, 2000 8:39 AM
Subject: [htaprs] aprs install new truck

> got my truck its a chevy silverado 4x4 extended cab.
>
>
> looked under the hood and the fuse block on the drivers side under the
hood
> has two posts labled a and b and its labled aux power. looks
to
> me like i just attach rings post lugs to it and fuse the line into the
cab
> area.
>
>
> anyone else done this on the chevy, or how did you wire yours?
>
>
> its got two batteries under the hood main and aux and the isolator. so
> comeing off the aux.
>
>
> 73
>
> just can't wait to start drilling the roof!!!!
>
>
>
> http://map.findu.com/kd8s-9 or http://map.findu.com/kd8s-7
>
>
> ---
> You are currently subscribed to htaprs as: kc5goi@kc5goi.net
> To unsubscribe send a blank email to leave-htaprs-20365F@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: Garmin GPS3 plus

From: N2OGB@aol.com
Date: Mon, 4 Dec 2000 01:19:14 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122753-2000.12.04-00.30.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The value of almost anything can be found at http://www.strongnumbers.com.
The average price of a Garmin GPSIII plus is $307.
Ron

16. [htaprs] Re: Tm-d700a to mini din 8

From: Eric Charikane <charikane@ecrin.asso.fr>
Date: Mon, 04 Dec 2000 11:33:37 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-122762-2000.12.04-04.43.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Jim,
You can have a look here " http://www.mindspring.com/~jc1/serial/main.html ". If you don't find what you
 want, let me know and i will look at home.
73s, Qro,
Eric F4cou

Jim Richardson wrote:
>
> I just purched a tm-d700a and are haveing problems hooking it to my g3 mac.
> Would any one have the schematic for the db9m to minidin 8
>

--

ECRIN
Créer et faciliter en amont les rapprochements Recherche<->Entreprise pour le développement et l'innovation

Eric Charikane
32, boulevard de Vaugirard - 75015 Paris
Tèl. : 33 (0) 1 42 79 50 85 - Fax : 33 (0) 1 42 79 50 99
E-mail : charikane@ecrin.asso.fr - http://www.ecrin.asso.fr

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] RE: New Radio TM-D700A

From: "Jim Gill" <gillj@uswest.net>
Date: Mon, 4 Dec 2000 13:56:49 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122820-2000.12.04-14.11.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Where can you confirm this? Has there been a firmware upgrade for this
model? I downloaded the 162 PDF manual from Garmin, and all the screenshots
clearly show the standard 6 character waypoint. Please enlighten. Maybe a
screenshot from your specimen?

Thanks,

Jim N0RMO
Omaha, NE

----- Original Message -----
From: "Geo. & Jeanne Brooks" <gbrooks@ncia.com>
> The 162/162i 's accept waypoint names up to ten characters long so there
is
> no truncation of call signs and SSID's.
>
> George, N7HPE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] RE: New Radio TM-D700A

From: "BobD" <BobD@virtualconst.com>
Date: Mon, 4 Dec 2000 16:10:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122833-2000.12.04-15.41.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Also, is it possible to grab screen shots
using Waypoint+ ??

On second thought, probably not, as the display dimensions are so much
larger.

-----Original Message-----
From: bounce-htaprs-19039@lists.tapr.org
[mailto:bounce-htaprs-19039@lists.tapr.org]On Behalf Of Jim Gill
Sent: Monday, December 04, 2000 2:57 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: New Radio TM-D700A

Where can you confirm this? Has there been a firmware upgrade for this
model? I downloaded the 162 PDF manual from Garmin, and all the screenshots
clearly show the standard 6 character waypoint. Please enlighten. Maybe a
screenshot from your specimen?

Thanks,

Jim N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] RE: New Radio TM-D700A

From: "Geo. & Jeanne Brooks" <gbrooks@ncia.com>
Date: Mon, 4 Dec 2000 13:51:40 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122835-2000.12.04-16.04.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim,

My 162 was delivered with software version 2.13 and manual P/N 190-00169-00
Rev. A.

Page 34 of that manual under the Enter/Mark key as a note to item 3 says :
"Note: You may use up to 10 alphanumeric characters for the name."

This is well hidden in the manual and refers to capturing your present
position as a waypoint. I agree all the examples shown are six characters
maximum.

I set my D700A to provide 9 character waypoints, the max. setting on the
Kenwood and the 162 displays 2X3 call signs with a two digit SSID without
truncation.

The Garmin site has updates available for the 162 units and I have since
updated to version 2.52 by download.   The ability to input waypoints into
the unit occurred only a version or two before the initial delivered
configuration of my unit but all versions can be updated to 2.52 from the
same download. The Garmin download site for the 162 spells out in fair
detail what is changed in each version.

73, George , N7HPE

> Where can you confirm this? Has there been a firmware upgrade for this
> model? I downloaded the 162 PDF manual from Garmin, and all the
screenshots
> clearly show the standard 6 character waypoint. Please enlighten. Maybe
a
> screenshot from your specimen?
>
> Thanks,
>
> Jim N0RMO

> > The 162/162i 's accept waypoint names up to ten characters long so there
> is
> > no truncation of call signs and SSID's.
> >
> > George, N7HPE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] aprs news channel

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 5 Dec 2000 06:13:36 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122941-2000.12.05-08.29.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a good idea. The las vegas QST machine (www.lvrac.org) provides 24
hour touchtone access to voice recorded audio messages on demand. find out
all about local repeaters and clubs, swaps , etc.

        On touchtone 9, its recorded aprs data that spits out local digi,
proto paths, and talkback infor for aprs. when a ham presses 9, a audio
voice instructs the ham to got to aprs mode and standby for a data dump.
then about 1 1/2 minutes of stored aprs info is xmitted.

     when the shuttle is up, the machine is used for retransmission of
the astronauts on demand.

      i always thought a qst machine at dayton would be great to give local
info on demand or continous about parking, meetings, times, etc etc etc etc.

   HEY, now thats a good idea automated info at dayton to answer all the
same questions. put it on 146.73 simplex, the QST on 73

click on this link to find me   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] RE: +AFs-htaprs+AF0- aprs news channel

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Tue, 5 Dec 2000 09:41:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-122942-2000.12.05-08.53.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sounds Interesting... One question, how does one go about
capturing a 1.5 minute aprs data dump? Is it one big message,or
a series of smaller messages? How will this interact with a
D-700 running or a D-7 only using the factory displays?

Ed N3SDO

Ed Bathgate   MFG Engineering Technician.
Bldg 4. (724) 742-6575   Marconi

-----Original Message-----
From: STEVE SCOTT LAS VEGAS [mailto:kd8s@skylink.net]
Sent: Tuesday, December 05, 2000 9:14 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] aprs news channel

This is a good idea. The las vegas QST machine (www.lvrac.org) provides 24
hour touchtone access to voice recorded audio messages on demand. find out
all about local repeaters and clubs, swaps , etc.

        On touchtone 9, its recorded aprs data that spits out local digi,
proto paths, and talkback infor for aprs. when a ham presses 9, a audio
voice instructs the ham to got to aprs mode and standby for a data dump.
then about 1 1/2 minutes of stored aprs info is xmitted.

     when the shuttle is up, the machine is used for retransmission of
the astronauts on demand.

      i always thought a qst machine at dayton would be great to give local
info on demand or continous about parking, meetings, times, etc etc etc etc.

   HEY, now thats a good idea automated info at dayton to answer all the
same questions. put it on 146.73 simplex, the QST on 73

click on this link to find me   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: Ed.Bathgate@marconi.com
To unsubscribe send a blank email to leave-htaprs-18709D@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] D700 power lead control wierdness

From: "Chris Arndt" <carndt@slonet.org>
Date: Wed, 06 Dec 2000 06:28:02 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123152-2000.12.06-08.40.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last weekend I rewired my truck D700, and installed an Ashtech G8 Sensor
Box in place of the Tripmate. I changed the power feed from an ignition
switch controlled relay to a ChargeGuard. The only change I made to the
D700 programming was to set DCD to both bands.

I've always left the radio powered on, on the control head . It used to be
that the radio would then remember that, and power up when the relay
applied power to the +12vdc wire.

Now for some reason, it has stopped doing that. When the ChargeGuard powers
up the radio, I have to turn it on manually with the control head switch.

The radio in my wife's 4Runner is wired the same way, and works fine.

I checked the APO setting in the radio, and it's OFF.

Any ideas?

Chris

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] RE: D700 power lead control wierdness

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 6 Dec 2000 09:53:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123159-2000.12.06-09.02.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine behaves the same way. For a period of time, the radio turns on when
the ignition is turned on. Then it doesn't do this for a while. There must
be a configuration setting to control this behavior, but I haven't been able
to find it. I think I know how to force it to the "must turn on by hand"
mode. Just turn the radio off by hand, then turn off the ignition key. I
don't know how to restore it to "auto on when power applied" mode. One
would think that leaving it on when the key is turned off would set this
mode, but it doesn't.

Anyone out there know how this is set?

Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Chris Arndt
Sent: Wednesday, December 06, 2000 9:28 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] D700 power lead control wierdness

Last weekend I rewired my truck D700, and installed an Ashtech G8 Sensor
Box in place of the Tripmate. I changed the power feed from an ignition
switch controlled relay to a ChargeGuard. The only change I made to the
D700 programming was to set DCD to both bands.

I've always left the radio powered on, on the control head . It used to be
that the radio would then remember that, and power up when the relay
applied power to the +12vdc wire.

Now for some reason, it has stopped doing that. When the ChargeGuard powers

up the radio, I have to turn it on manually with the control head switch.

The radio in my wife's 4Runner is wired the same way, and works fine.

I checked the APO setting in the radio, and it's OFF.

Any ideas?

Chris

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] APRS software with TH-D700A

From: "Jeff Ellis" <blue_ciaran@yahoo.com>
Date: Wed, 6 Dec 2000 09:46:38 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123185-2000.12.06-11.58.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I want to get my Kenwood TH-D700A setup in my car for a Trip from Washington to Southern California for Christmas and have several questions:

1) Which APRS programs can pull the GPS data from the D700A? I only have one serial port on my laptop and would like to see on a map my position as I go.

2) What are the best setting for a trip like this? Relay,Wide-3? That is what I am currently using around my area.

3) Tapr.org's ftp sight does not seem to be working is there a mirror someplace? It starts a login and in the middle of the message about what to do if there is problems it loses control. I have tried the passive mode and that did not help. I have tried since yesterday afternoon with out luck. Its possible that maybe the firewall at work is having problems but I can ftp files from a lot of other places right now.

4) Any tips on putting this radio in my '99 Miata? I think the battery is in the trunk so I though about putting the radio there but hearing anything with out using remote speakers could be a problem as well as running Mic, Display, GPS, Data, and speaker cables through into the cabin. That's a lot of cables to make room for. I am not sure where I would put the speakers anyways..... Its sure a small car and I would like to put things in a safe secure way but would be able to remove the hardware with out damage to the car later..

Thanks for any advice!

Jeff Ellis
K7JDE

25. [htaprs] Re: Tm-d700a to mini din 8

From: Robert Winingham <kc5ejk@earthlink.net>
Date: Wed, 6 Dec 2000 13:30:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-123196-2000.12.06-13.42.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I just purched a tm-d700a and are haveing problems hooking it to my g3 mac.
>Would any one have the schematic for the db9m to minidin 8

I keep a a few extra 9 pin null modem adapters and gender changes adapter
just for d700 and d7a use. (need them for Palm aprs too)

73

--

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Re: APRS software with TH-D700A

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 06 Dec 2000 12:36:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123199-2000.12.06-13.53.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff,

I own a 99 miata as well, and I can tell you this much: There is a big fat hole through to the trunk just under the carpeting on the wall behind the passenger seat.

As for the GPS -> D700A -> PC problem, I personally would just rig up a pig tail with the data line _from_ the GPS going to two different serial connectors.

My current configuration has a GPSIII+ velcroed to the dash just to the right and forward of the steering wheel, with the GPS cable routed to the left, down into the dash (tied away with zip-ties), under the driver's door's step runner, behind the drivers side seat to the rear of the center console (through the trunk opener slot) where the D7A hides out of sight. The antenna cable runs from the center console, behind the passenger seat, under the carpet on the package shelf, through that big conduit hole, into the trunk.

For the D700, you may want to consider locating the main unit under the passenger seat, and running the front panel cable under the center-console/dash unit to the stereo.   The display can be placed in front of the tape deck, or the passenger air bag switch. (Neither is very important, eh?)

If you drive top down, you will not be able to hear the D700A anyway. I've considered pulling my tape deck and putting a radio in that slot, using the audio port from the tape unit to feed audio from the radio to the amp head.   Can't tell you how to do it, though, as I haven't bought a mobile yet.

--
Brian

Jeff Ellis wrote:

> I want to get my Kenwood TH-D700A setup in my car for a Trip from
> Washington to Southern California for Christmas and have several
> questions: 1) Which APRS programs can pull the GPS data from the D700A? I
> only have one serial port on my laptop and would like to see on a map my
> position as I go. 2) What are the best setting for a trip like this?
> Relay,Wide-3? That is what I am currently using around my area. 3)
> Tapr.org's ftp sight does not seem to be working is there a mirror
> someplace? It starts a login and in the middle of the message about what
> to do if there is problems it loses control. I have tried the passive
> mode and that did not help. I have tried since yesterday afternoon with
> out luck. Its possible that maybe the firewall at work is having problems
> but I can ftp files from a lot of other places right now. 4) Any tips on
> putting this radio in my '99 Miata? I think the battery is in the trunk
> so I though about putting the radio there but hearing anything with out
> using remote speakers could be a problem as well as running Mic, Display,
> GPS, Data, and speaker cables through into the cabin. That's a lot of
> cables to make room for. I am not sure where I would put the speakers
> anyways..... Its sure a small car and I would like to put things in a
> safe secure way but would be able to remove the hardware with out damage
> to the car later.. Thanks for any advice! Jeff EllisK7JDE

--
Brian Badger, Worldcom NGSN Signaling Gateway Development   KCØHIR DM78
"Electriciby: the safe, affordable and environmentally friendly alternative
to electricity. Now with 20% more electrobs at the same low price."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Re: APRS software with TH-D700A

From: Greg Noneman <greg@clubnet.net>
Date: Wed, 6 Dec 2000 12:45:27 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123203-2000.12.06-15.01.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff,

The recommended generic path when you get to Southern California proper
is WIDE2-2. In an effort to reduce channel congestion, the local digis
were configured to NOT respond to generic RELAY and WIDE aliases,
therefore a path beginning with RELAY will not get you into the local
network (unless a low level home station serving as a RELAY is used).

Greg
WB6ZSU

>I want to get my Kenwood TH-D700A setup in my car for a Trip from
>Washington to Southern California for Christmas and have several questions:
>
>
>2) What are the best setting for a trip like this? Relay,Wide-3? That is
>what I am currently using around my area.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Re: APRS software with TH-D700A

From: Greg Noneman <greg@clubnet.net>
Date: Wed, 6 Dec 2000 14:49:35 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123226-2000.12.06-17.03.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robbie,

A change was made last spring to make the major digipeaters in the Los
Angeles and San Diego areas respond to WIDEn-N protocol ONLY. This was
done to reduce channel loading, which had almost reached the saturation
point.

It is still possible that you could get into the network through the use
of lower level digipeaters which still respond to RELAY and WIDE, but the
high level sights would not respond.

The best way to handle the situation, if possible, is to set up multiple
digipeating paths. Some paths could be set to use generic RELAY and WIDE
and some using WIDEn-N only.

Greg
WB6ZSU

>Seems to me this statement is not consistant with my
>experience of 3 months ago when I traveled thru your
>beatiful state! My unproto path was RELAY,WIDE,WIDE and
>RELAY,WIDE,WIDE,GATE and the records show that I was well
>tracked from Las Vegas, San Diego, San Fransisco and then to
>Reno, NV.. What a ride :-) .....
>
>I was under the impression, and still am, that for mobile
>use, RELAY was a standard part of the ui path.. It is not
>easy for many, if not most, mobile trackers to change ui in
>the middle of the stream. Like my vote in some parts of the
>country are to be disenfranchised?
>
>Robbie

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Re: APRS software with TH-D700A

From: Carl Littlejohns <carl_mail@dr.com>
Date: Thu, 07 Dec 2000 18:19:47 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-123353-2000.12.07-12.33.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> As for the GPS -> D700A -> PC problem, I personally would just rig up a pig
> tail with the data line _from_ the GPS going to two different serial
> connectors.

I built a null modem adaptor (from hot glue!) and added a jack socket
to be able to feed my THD7 with GPS data (and vice versa) whilst still
feeding a TINY-2 with NMEA strings. It worked fine. No flow control on
GPS data.

There is even a picture...

http://you.genie.co.uk/carl.littlejohns/aprs/uiview.htm#chewy

Carl GW0TQM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] APRS for Search & Rescue

From: "Lance Livingston" <lancel@fiber.net>
Date: Thu, 7 Dec 2000 12:25:34
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123354-2000.12.07-12.37.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need help setting up an APRS system for Search and Rescue. I am looking
and getting the Kenwood TH-D7AG radio for each of our teams along with the
Garmin III + radio. I want to have the command center to be able to see
the position of all the teams on one screen in real time. I would like the
computer screen to be the 7.5 minute scale USGS topo maps. We currently
use a program called Topo!GPS USA. Can somebody tell me where I can get
help setting this up? What computer software will do this for us? I am a
HAM but I am not very up on all of the APRS technology.

Thanks,

Lance

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] Re: APRS for Search & Rescue

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Thu, 7 Dec 2000 10:42:14 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-123356-2000.12.07-12.53.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 7 Dec 2000, Lance Livingston wrote:

> I need help setting up an APRS system for Search and Rescue. I am looking
> and getting the Kenwood TH-D7AG radio for each of our teams along with the
> Garmin III + radio. I want to have the command center to be able to see
> the position of all the teams on one screen in real time. I would like the
> computer screen to be the 7.5 minute scale USGS topo maps. We currently
> use a program called Topo!GPS USA. Can somebody tell me where I can get
> help setting this up? What computer software will do this for us? I am a
> HAM but I am not very up on all of the APRS technology.

You may want to ask that question on the Turnkey_APRS mailing list

as well. Several SAR-types are on there.

I'm trying to get our people set up with that capability, and am
pursuing Xastir on Linux. I have it working with USGS DRG topo
maps now, but it hasn't made it into a release of Xastir yet.

I tried using topo maps as image files under APRS+SA for our
mock search. It worked, but not perfectly. Old symbols
didn't get deleted so you had to periodically refresh the
thing. It's not like having native support for the map format
built-in.

There are others in my area trying to use WinAPRS for SAR.
I haven't tried that.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] Re: APRS software with TH-D700A

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 07 Dec 2000 12:40:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-123357-2000.12.07-12.56.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Jeff Ellis wrote:
>
> I want to get my Kenwood TH-D700A setup in my car for a
> Trip from Washington to Southern California for Christmas
> and have several questions:
>
> 1) Which APRS programs can pull the GPS data from the
> D700A? I only have one serial port on my laptop and would
> like to see on a map my position as I go.
> > Jeff Ellis
> K7JDE

I have successively used WinAPRS 2.4.7, a Rand McNally GPS,
and my Kenwood TMD-700A without splitting cables and so
forth.. As I originally set up the gps and the 700A as a
tracker, I just added the laptop running the software, put
the program into tracking me, and in Pico mode, the software
tracks me being in the center of the screen automatically
being refreshed on PM 3.0 as if I were using PM alone, or
tracking someone, me! Works just super!!

Robbie Robertson
...-.- wa9inf ...-.-

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] Re: APRS for Search & Rescue

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 7 Dec 2000 13:56:12 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-123359-2000.12.07-13.10.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 7 Dec 2000, Lance Livingston wrote:

> I need help setting up an APRS system for Search and Rescue.

ALthough most WIndows versions of APRS give much better map displays than
the original APRSdos, if by chance your organization uses
STREETS-ON-A-DISK which many county level organizations have used for
years, then there is an APRSdos version that works very well with that

full featured map display system..

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] APRS Informal Dinner in Anaheim, CA

From: "Robert Syms" <KO6ZL@MAHA-COMM.COM>
Date: Thu, 7 Dec 2000 12:42:05 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123382-2000.12.07-14.50.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

LA area APRS informal get together at Chris & Pits

LOCATION:
    CHRIS & PITS (Stake & Prime Rib dinners with full Bar)
    601 N Euclid St.
    Anaheim, CA
    About 2 to 3 lights south of Ham Radio Outlet in Anaheim

DATE&TIME:
    Dec. 8th
    Show up early to socialize in the parking lot 7:30pm
    Dinner tables are reserved for 8:00pm
    Stay as long as you like.

BRING:
    Yourself
    Friends and people interested in APRS
    Any APRS related equipment you have to show and tell, sell, trade or give away
    Any equipment you need help setting up
    Money for your meal
    Working APRS stations a plus but not required!

As your host (Robert Syms KO6ZL) I will be bringing my Laptop with WinAPRS and a new Garmin GPS 162 for all to see. A demo for beginners can be shown and a simplified explanation of how it all works. This meeting is not a club or a political gathering just friendship and a good place to meet other APRS users behind the Icons. Please contact via E-Mail if you can make it. I need to get an approximate count.
ROB@MAHAENERGY.COM

-Robert Syms- KO6ZL

35. [htaprs] APRS/CE Build 943

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Fri, 8 Dec 2000 13:46:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123586-2000.12.08-12.57.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

And you thought I had disappeared...

I pretty much had disappeared... I am currently working on two full-time software development contracts, so my apologies if I'm not replying to your e-mails in a timely manner.

Also, my sincere apologies for getting behind in this latest build of APRS/CE. As always, you, my users, make this all worthwhile and I appreciate your patience and feedback.

Get build 943 at http://www.tapr.org/~aprsce/ .

This release adds a weather status page on the station info screen, wind speed and direction display, mobile course and speed display, _sound!_ for new messages, and a little indicator at the top to show new incoming messages. I'm sure there's a bunch of other little things as well, you'll see them as you start to use the program again.

APRS/CE is getting very close to becoming version 1.0. However, because of my schedule, I've set the expiration for this version to _next_ _December_. That's December _2001_!

A few of you had asked why I put expirations on my builds. My logic was that it was beta code and probably shouldn't be hanging around on people's

machines for long periods of time - that way I only have one version to support. When APRS/CE goes to 1.0 and beyond, the expiration "feature" will be removed, replaced with a feature that requires registration before it saves any of your settings. The registration fee will be nominal, similar to pocketAPRS.

Thanks again for your continued interest.

Please, everyone, give me some feedback on the install and the program itself.

73

   -Rob
    KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] RE: htaprs digest: December 08, 2000

From: "MRMJR" <KE4JXF@arrl.net>
Date: Sat, 9 Dec 2000 01:13:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123702-2000.12.09-00.20.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just installed the new version and found it to be smooth and no problems were experienced.   I would still appreciate some user documentation (i.e., specifically how to set up a Compaq PC Handheld C140 with a Kenwood TH-D7(G)).   Also how do I obtain maps that will work with the aforementioned equipment?

Thanks!

-----Original Message-----
From: bounce-htaprs-20896@lists.tapr.org
[mailto:bounce-htaprs-20896@lists.tapr.org]On Behalf Of TAPR Hot Technology APRS digest
Sent: Saturday, December 09, 2000 12:02 AM
To: htaprs digest recipients
Subject: htaprs digest: December 08, 2000

TAPR Hot Technology APRS Digest for Friday, December 08, 2000.

1. APRS/CE Build 943

Subject: APRS/CE Build 943
From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Fri, 8 Dec 2000 13:46:41 -0500
X-Message-Number: 1

And you thought I had disappeared...

I pretty much had disappeared... I am currently working on two full-time software development contracts, so my apologies if I'm not replying to your e-mails in a timely manner.

Also, my sincere apologies for getting behind in this latest build of APRS/CE. As always, you, my users, make this all worthwhile and I appreciate your patience and feedback.

Get build 943 at http://www.tapr.org/~aprsce/ .

This release adds a weather status page on the station info screen, wind speed and direction display, mobile course and speed display, _sound!_ for new messages, and a little indicator at the top to show new incoming messages. I'm sure there's a bunch of other little things as well, you'll see them as you start to use the program again.

APRS/CE is getting very close to becoming version 1.0. However, because of my schedule, I've set the expiration for this version to _next_ _December_. That's December _2001_!

A few of you had asked why I put expirations on my builds. My logic was
that it was beta code and probably shouldn't be hanging around on people's
machines for long periods of time - that way I only have one version to
support. When APRS/CE goes to 1.0 and beyond, the expiration "feature" will
be removed, replaced with a feature that requires registration before it
saves any of your settings. The registration fee will be nominal, similar
to pocketAPRS.

Thanks again for your continued interest.

Please, everyone, give me some feedback on the install and the program
itself.

73

   -Rob
    KZ5RW

END OF DIGEST

You are currently subscribed to htaprs as: KE4JXF@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: APRS/CE Build 943

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sat, 09 Dec 2000 23:08:25 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-123791-2000.12.09-17.21.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> And you thought I had disappeared...

Well we knew you couldn't have gotten lost!

> I pretty much had disappeared... I am currently working on two full-time
> software development contracts, so my apologies if I'm not replying to your
> e-mails in a timely manner.

Ah working to live instead of the other way around eh? :) Fairynuff.

943 wouldnt come via http: as the server was busy (good sign or what?)
but the ftp version arrived safely.

I'd de-installed the previous one - this installation includes no maps? Is
that how it has always been..Id forgotten.

Installation to the Casiiopeia E-115 went sweet as a nut.

> This release adds a weather status page on the station info screen, wind
> speed and direction display, mobile course and speed display, _sound!_ for
> new messages, and a little indicator at the top to show new incoming
> messages. I'm sure there's a bunch of other little things as well, you'll
> see them as you start to use the program again.

I need to get another TNC set up to try this out.

> A few of you had asked why I put expirations on my builds. My logic was

I understand this - getting support requests five years later for a broken
beta would be annoying.

> Please, everyone, give me some feedback on the install and the program
> itself.

It's ok (so far)

TWO TEENY gripes. (1) It puts APRSCE into my Start list - and I dont want it there - I should have to actively put it there I think, it should install itself to Start menu!Programs in my view.

(2) APRSCE grabs the serial port- would be nice if it turned OFF the 'automatically synchronise when serial cable is connected' and turned it on on exit (perhaps as a user selectable function) its a pain when I forget to switch it back on and close APRSCE before I synchronise the casio.   (I suppose folk using USB wont have this issue...)

cheers!

Carl
GW0TQM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] d7a uhf packet tx

From: "Eric Cuthbert" <va3ewc@rac.ca>
Date: Sun, 10 Dec 2000 17:36:2
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-123979-2000.12.10-17.50.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone tell me if they have experienced this before? My D7a wont tx in packet mode above 445. As a matter of fact, it wont rx packet above 445. either.

The rig in in packet mode connected to a computer running a terminal program. I've tried both 1k2 and 9k6 and nothing. 440. thru 444.999 is FB. The rig ptts with the button but not via the serial port above 445.. I am on band B (obviously)and that is set as the data mode.

Can someone try this with there d7a and prove me wrong?

-=73=- Eric/va3ewc

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] RE: d7a uhf packet tx

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Mon, 11 Dec 2000 07:44:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-124055-2000.12.11-07.00.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Eric:

My 1st guess is check your offset. I bet you have a + offset set into your radio, and it won't let you transmit out of band.

73!
Chris N4BSA

-----Original Message-----
From: bounce-htaprs-6821@lists.tapr.org
[mailto:bounce-htaprs-6821@lists.tapr.org]On Behalf Of Eric Cuthbert
Sent: Sunday, December 10, 2000 5:00 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] d7a uhf packet tx

Can anyone tell me if they have experienced this before? My D7a wont tx in packet mode above 445. As a matter of fact, it wont rx packet above 445. either.

The rig in in packet mode connected to a computer running a terminal
program. I've tried both 1k2 and 9k6 and nothing. 440. thru 444.999 is FB.
The rig ptts with the button but not via the serial port above 445.. I am
on band B (obviously)and that is set as the data mode.

Can someone try this with there d7a and prove me wrong?

-=73=- Eric/va3ewc

You are currently subscribed to htaprs as: 1schwab1@tampabay.rr.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] GEMINIDS METEOR SHOWER REGISTRATION PAGE NOW OPEN

From: Richard Parry <rparry@qualcomm.com>
Date: Tue, 12 Dec 2000 17:41:30 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-124294-2000.12.12-19.54.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

= GEMINIDS METEOR SHOWER REGISTRATION PAGE NOW OPEN =

Web Page registration is now available for those who will be participating
in the upcoming December Geminids Meteor Shower event. The purpose of
registering is to provide a real-time list of participants. This should
expedite communication and increase the chances of success. It should take
about 1 minute to complete. Click on the URL below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

I got interested in this facet of amateur radio after reading the article
by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of
success could be increased if I knew who was participating so I knew where
to point the beam. It was out of this need that I developed this
registration page. I hope that you find it useful. For those interested in
more information, the Nov 1999 QST article by W2EV and the Nov 2000 issue
of QST (page 28 and 83) may be useful.

Rich Parry, W9IF
Rich Parry

41. [htaprs] TM-D700 Locked-Band vs. Cross-Band Repeater ?

From: Duncan Smith <dds@flavors.com>
Date: Wed, 13 Dec 2000 20:23:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-124450-2000.12.13-19.36.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is the difference between the Locked-Band and Cross-Band Repeater modes?

TKS
d

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] Re: TM-D700 Locked-Band vs. Cross-Band Repeater ?

From: "Richard Amirault" <ramirault@erols.com>
Date: Wed, 13 Dec 2000 23:14:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-124477-2000.12.13-22.26.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Without reading my manual .... I'll say that "locked-band" only repeats in
one direction (from VHF to UHF ...or... from UHF to VHF) that is pre-set by
the user.... while "cross-band" will repeat in *either* direction depending
on which band hears a signal (if it hears a VHF signal it will repeat it on

UHF ... if it hears a UHF signal it will repeat it on VHF)

Richard Amirault N1JDU Boston,
MA, USA
www.erols.com/ramirault "Go Fly A Kite"
----- Original Message -----
From: "Duncan Smith" <dds@flavors.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, December 13, 2000 8:23 PM
Subject: [htaprs] TM-D700 Locked-Band vs. Cross-Band Repeater ?

> What is the difference between the Locked-Band and Cross-Band Repeater
modes?
>
> TKS
> d
>
> ---
> You are currently subscribed to htaprs as: ramirault@erols.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] D700 Voice Module & callsigns

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 16 Dec 2000 09:22:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-124947-2000.12.16-16.15.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

How do I get the D700 to "speak" the callsigns of new stations? 73

```
+-----------------------------------------------------------------------+
|Arte Booten  <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York    [FN30bu]    !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+-----------------------------------------------------------------------+
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] map

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Sun, 17 Dec 2000 18:15:54 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "APRS Mail list" <ozaprs@marconi.mpce.mq.edu.au>
Message-ID: <LYR845-125009-2000.12.17-02.29.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all APRS users here is a new Christmas page, with a link for download the new high detailed map AUSTRALIA zip file for the
program UI-View. If possible please sign in the guestbook 73 All have a great APRS christmas holiday time.
Cheers de Art Down-Under

Name : Art.van.Esch
Url : http://www.winshop.com.au/vk4go
location : Surfers-Paradise
Country : Australia 4217
Callsign : VK4GO
ICQ : 139612

45. [htaprs] mobile aprs

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sun, 17 Dec 2000 15:22:15 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-125024-2000.12.17-09.33.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The network is very variable in the UK but thigs are generally on the up.
Yestderday was a drive to Ashby and then to Sheffield. Mt ant is clearly part
of the problem because when two D700s did the same road he tracked and I
didnt.... however near Sheffield I was called on 70cm by M0 ?? Ive
forgotten..but its in the D700... who then talkmed be around a traffic hold
up :)

Meanwhile I received a ping from MB7USA whilst i was still in Sheffield...

That is aprs at its more impressive :)

I think we need to encourage APRS to be used with phone - the live bit makes
for a much more useful system. I try and monitor 433.5 or local 70cm fm rpt-
it was su20 I was called on :)

Carl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] TM-D700A suggestions

From: Bettisnick@cs.com
Date: Sun, 17 Dec 2000 14:21:19 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125068-2000.12.17-13.34.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am about to purchase a TM-D700A for mobile use. Are there any suggestions
as to what I should look for or avoid with regards to serial numbers, etc?

Thank you in advance.

Nick
KR4MS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Re: D700 Voice Module & callsigns

From: arizona@uswestmail.net
Date: 17 Dec 2000 11:55:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125071-2000.12.17-14.07.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> From: Arte Booten <n2zrc@webspan.net>
>   How do I get the D700 to "speak" the callsigns of new stations? 73

Go to menu 1-2-4 and turn on voice to ENGLISH or APRS ONLY

Go to menu 3-F and set beep to ALL or ALL NEW

Good luck
Scott

Scott Sykes
|-----netAriZonA.net------|

Signup for your free USWEST.mail Email account http://www.uswestmail.net

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] TM-D700 switch off itself ??

From: Eric Charikane <charikane@ecrin.asso.fr>
Date: Mon, 18 Dec 2000 12:49:39 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125198-2000.12.18-05.59.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,
I'm using a TM-D700e for 2 months now and I noticed that it often switch off itself when receiving frame
 while monitoring APRS qrg !!
Do some of you notice the same thing ?
73s vy qro
Eric, F4cou,

--

ECRIN
Créer et faciliter en amont les rapprochements Recherche<->Entreprise pour le développement et
l innovation

Eric Charikane
32, boulevard de Vaugirard - 75015 Paris
Tèl. : 33 (0) 1 42 79 50 85 - Fax : 33 (0) 1 42 79 50 99
E-mail : charikane@ecrin.asso.fr - http://www.ecrin.asso.fr

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] Mail Lists for the TM-D700A?

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Mon, 18 Dec 2000 05:18:34 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125205-2000.12.18-07.31.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I subscribe to several TH-D7A mail lists but havne't found
any for the TM-D700A

Does e-groups have one that I just missed.
Any others?

Glenn, KG7IL in Renton, Washington

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Re: mobile aprs

From: "Alan Morris, G4ENS" <alan@computerweekly.net>
Date: Mon, 18 Dec 2000 21:32:49 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125276-2000.12.18-15.46.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Original Message From: Carl Littlejohns

> I think we need to encourage APRS to be used with phone - the live
bit makes
> for a much more useful system. I try and monitor 433.5 or local
70cm fm rpt-
> it was su20 I was called on :)

Whilst I agree completely with Carl, there is a major problem with
the current APRS protocol, as seen in the UK.

Fixed stations are advised to repeat about once per hour and mobile
stations, depending on their speed, about once per minute.

If you are a fixed station that has been on for over an hour, you will
know who is on. But a mobile passing through, will have passed most

fixed stations before their signal is heard.

We need an update to the protocol to overcome this problem. I've
suggested this before in the UK ui-view eGroups list, but been
ridiculed.
--
Alan Morris, G4ENS.
Bury St Edmunds, Suffolk. UK.

No HTML used above.
Oversize mail is deleted from server without reading.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Custom msg

From: deunju@juno.com
Date: Mon, 18 Dec 2000 16:29:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125293-2000.12.18-17.07.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The D7A (G) manual says there is 6 custom messages that you can program
with a custom status msg but I havent been able to figure out how. Any
ideas?
Dale Urban N0KQX
Garden City Ks.

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] Re: mobile aprs

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 18 Dec 2000 18:02:20 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-125295-2000.12.18-17.15.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 18 Dec 2000, Alan Morris, G4ENS wrote:

> Whilst I agree completely with Carl, there is a major problem with
> the current APRS protocol, as seen in the UK.
>
> Fixed stations are advised to repeat about once per hour and mobile
> stations, depending on their speed, about once per minute.

That is not a problem with the protocol, but with its usage. APRS was
designed for a net cycle time of about 10 minutes for local ops. APRSdos
defaults to a 10 minute rate when operated locally. As the user extends
his QRM to other areas with additional HOPS, his time is increased by 10
minutes for each hop to a maximum of 30 minutes.

Similarly we receommend all wide area digipeaters to ID locally once every
10 minutes and less often the more hops in the path. These are to solve
the problem to which you refer. Locals should see EVERYONE ON THE AIR
IN THEIR LOCAL AREA at least once every 10 minutes. We fought to get this
into the spec.   In the USA there was a move to change things to 60
minuets but as you see, it totally defeats the purpose of a real-time
tactical comms system...
 >
> If you are a fixed station that has been on for over an hour, you will
> know who is on. But a mobile passing through, will have passed most
> fixed stations before their signal is heard.

Exactly. The standard is 10 minuets for direct or ONE hop packets, and
less further out.   It is a tradeoff. But 1 hour completely defeats the

purpose of APRS...

> We need an update to the protocol to overcome this problem. I've
> suggested this before in the UK ui-view eGroups list, but been
> ridiculed.

Yes, those that do not see the big picture or only think of APRS as
routine 24 hour a day ham radio will fight to keep your beacon rates low.
Those that actually USE APRS for real-time events or situations must have
it higher. Good luck, youwill never please everyone...

de WB4APR@amsat.org, Bob

See my APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
See APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
See MIM/Mic-E/Mic-Lite   http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] RE: Custom msg

From: Bill Diaz <billdiaz@megsinet.net>
Date: Mon, 18 Dec 2000 17:51:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125309-2000.12.18-18.04.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dale,
   You can select custom messages 0 thru 6 as a position comment. You can't
program them to contain different names. The custom position comments simply
expand the number of position comments available. The meaning of these is
undefined, but can be used to indicate whatever you desire.

Your position comment selection is encoded as a number. The D7 sends your
selection, location and other information encoded in Mic-E format. This format
compresses the information to reduce the amount of time required for
transmission.

The THD7, D700, etc radios will decode a Mic-E packet and display the status
you selected in your radio. However, some applications presently in use are
not properly decoding these packets. They are displayed as regular position
comments rather than custom.

HTH,
Bill KC9XG

On Monday, December 18, 2000 4:30 PM, deunju@juno.com [SMTP:deunju@juno.com]
wrote:
> The D7A (G) manual says there is 6 custom messages that you can program
> with a custom status msg but I havent been able to figure out how. Any
> ideas?
> Dale Urban N0KQX
> Garden City Ks.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] NAVCOR 5

From: "Peter Black (ZR5DWC)" <zr5dwc@iafrica.com>
Date: Tue, 19 Dec 2000 07:09:10 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125361-2000.12.18-23.22.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there

I have a GPS development kit which consists of an engine, antenna and an
RS232 interface. This unit was manufactured by Rockwell International.
The unit came complete with DOS based software for communication with the
engine and experimentation. I did have the unit up and running some years
ago but did not have a specific use for it then. I would now like to use it
for APRS purposes but I find that the 5.25 floppy is unreadable. I have
searched

the web for info and have found references to NAVCOR V but the pages are not
 available . I think this is because Rockwell have bailed out of the GPS
business.
Can any one help me with the comm.'s software so I can set the unit up for
the
 right protocol etc that I need to get it to work.

Many thanks

Peter Black
ZR5DWC
083 788 4388

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] Re: mobile aprs

From: Ralph Milnes <milnes1@rcn.com>
Date: Tue, 19 Dec 2000 13:27:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125421-2000.12.19-12.38.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Over on the HT list, Bob and Alan were discussing the frequency of APRS
beacons by fixed and mobile stations .. in response to Carl's suggestion
about advertising a voice contact frequency.

I've taken the liberty of duplicating that discussion on the main APRS
list, since it's not a "new technology" subject and I think many APRS users
would benefit or could add to the discussion. I think it's a good one. So,
I would suggest that further discussion take place on the main APRS list,
instead of the HT list. I hope that's OK, Alan, Carl and Bob. Your
original comments are quoted (mostly) below.

To summarize, Alan was lamenting that fixed stations only beacon every 60
minutes or so, and that means mobiles traveling through were apt to miss a
fixed station's beacon. Bob was sympathizing, saying that beacons less than
every 10 minutes ran counter to the idea of APRS being a real time tactical
network (Alan and Bob, correct me if that's a poor summary).

A few thoughts to add:

1. In the US, most fixed stations are not "live" -- there's no one at the
controls -- so I'm not sure why a mobile would be so keen to know the fixed
station's position. That's not saying there aren't good reasons, but I'd be
curious to hear why a mobile station would want to know about a passive (as
opposed to active) station.

2. Perhaps a (partial) solution for Alan is to make use of the ?APRS?
inquiry feature in the APRS protocol to trigger reports from other APRS
stations. (I'm not sure if the D7 and D700's have this built in -- either
to send it or to respond to it.) Of course, not all APRS stations will
automatically respond to this inquiry, for example, any stations running
without compliant software or with running without a computer and just a
TNC that doesn't respond to ?APRS?.

3. But as Bob suggested, if you are an "active" fixed station, then perhaps
it would be a very good idea to change your beaconing rate. If your station
normally beacons every 60 minutes while you're NOT at the controls, change
it to every 10 minutes when you are at the controls.

4. Come to think of it -- that might be a good software feature -- a toggle
for active vs passive mode. In passive mode your station would automatically:

* reduce the frequency of beaconing rates from every 10 minutes to every 30
or 60

* change to a passive status message, i.e. "unmanned station" vs an active
message something like "Active and listening on xxx.xxx Mhz"

* put APRS messaging into auto-answer mode "Sorry no one here right now.
I'll respond shortly"

* other?

And toggling to active mode would reverse those and initiate an immediate

POSIT and STATUS beacon.

4. I also like Carl's suggestion of advertising your voice frequency. I and many others put that in our status messages.

5. Of course that leads to the next problem -- a convenient voice frequency for mobile APRS users. Usually it's less convenient for the mobile station to switch to the fixed station's frequency. It's probably better for the fixed station to QSY to the mobile's voice frequency. But what frequency would be a good mobile frequency. In the US, it seems like that might be 146.52 (or 446.000), the common "calling frequency" -- even though that's simplex. Conversely -- to get the advantage of the local area repeaters -- a mobile might have to do a lot of button pushing to QSY. I guess I don't know what the best answer to all that is. Any suggestions?

73,

Ralph, KC2RLM

Bob responded to Alan who was commenting on Carl's:

> > I think we need to encourage APRS to be used with phone - the live bit
> makes
> > for a much more useful system. I try and monitor 433.5 or local 70cm
> fm rpt-
> > it was su20 I was called on :)

 > Whilst I agree completely with Carl, there is a major problem with
 > the current APRS protocol, as seen in the UK.
 >
 > Fixed stations are advised to repeat about once per hour and mobile
 > stations, depending on their speed, about once per minute.

That is not a problem with the protocol, but with its usage. APRS was designed for a net cycle time of about 10 minutes for local ops. APRSdos defaults to a 10 minute rate when operated locally. As the user extends his QRM to other areas with additional HOPS, his time is increased by 10 minutes for each hop to a maximum of 30 minutes.

Similarly we recommend all wide area digipeaters to ID locally once every 10 minutes and less often the more hops in the path. These are to solve the problem to which you refer. Locals should see EVERYONE ON THE AIR IN THEIR LOCAL AREA at least once every 10 minutes. We fought to get this into the spec.   In the USA there was a move to change things to 60 minuets but as you see, it totally defeats the purpose of a real-time tactical comms system...
  >
 > If you are a fixed station that has been on for over an hour, you will
 > know who is on. But a mobile passing through, will have passed most
 > fixed stations before their signal is heard.

Exactly. The standard is 10 minuets for direct or ONE hop packets, and less further out.   It is a tradeoff. But 1 hour completely defeats the purpose of APRS...

 > We need an update to the protocol to overcome this problem. I've
 > suggested this before in the UK ui-view eGroups list, but been
 > ridiculed.

Yes, those that do not see the big picture or only think of APRS as routine 24 hour a day ham radio will fight to keep your beacon rates low. Those that actually USE APRS for real-time events or situations must have it higher. Good luck, you will never please everyone...

de WB4APR@amsat.org, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

56. [htaprs] Re: mobile aprs

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Tue, 19 Dec 2000 13:07:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-125425-2000.12.19-13.23.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:27 PM 12/19/00, Ralph Milnes wrote:

>2. Perhaps a (partial) solution for Alan is to make use of the ?APRS?
>inquiry feature in the APRS protocol to trigger reports from other APRS
>stations. (I'm not sure if the D7 and D700's have this built in -- either
>to send it or to respond to it.) Of course, not all APRS stations will
>automatically respond to this inquiry, for example, any stations running
>without compliant software or with running without a computer and just a
>TNC that doesn't respond to ?APRS?.

The TH-D7G responds to the ?APRS? query. I wonder if making one of the
selectable status messages ?APRS? will cause other stations to respond with
their location?

>3. But as Bob suggested, if you are an "active" fixed station, then
>perhaps it would be a very good idea to change your beaconing rate. If
>your station normally beacons every 60 minutes while you're NOT at the
>controls, change it to every 10 minutes when you are at the controls.

Not a bad idea.

>4. I also like Carl's suggestion of advertising your voice frequency. I
>and many others put that in our status messages.

Again, not a bad idea.

>5. Of course that leads to the next problem -- a convenient voice
>frequency for mobile APRS users.

I think that's going to have to fall on a case-by-case basis.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] Re: mobile aprs

From: Alex <kg4ecv@earthlink.net>
Date: Tue, 19 Dec 2000 15:35:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-125441-2000.12.19-14.45.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ralph,

Ralph Milnes wrote:

> 1. In the US, most fixed stations are not "live" -- there's no one at the
> controls -- so I'm not sure why a mobile would be so keen to know the fixed
> station's position. That's not saying there aren't good reasons, but I'd be
> curious to hear why a mobile station would want to know about a passive (as
> opposed to active) station.

Because it looks silly that with all my gear in the car which is
supposed to tell me what where is, I still have to ask someone for
directions if I try to find a fellow ham's house, or try to find the
EOC, or a shelter, or a fire station, etc., if I miss that one beacon.
:) Unless I'm willing to wait an hour and hope to catch the next beacon.

But seriously, if one would beacon only once an hour, then I might as
well use an overlay file instead of hoping to catch all beacons from
fixed stations. Another reasaon for a more frequent beaconing rate than
once an hour is that if one would miss one beacon, it means you will not
hear from that station for 2 hours. I have Xastir set up to grey out
stations after 90 minutes and it drops stations after 3 hours. This way
I get a reasonable (as in workable) picture of which stations are really

on the air.

Incidently, this also allows me to see propagation conditions which I
see as an added bonus of APRS.

> 3. But as Bob suggested, if you are an "active" fixed station, then perhaps
> it would be a very good idea to change your beaconing rate. If your station
> normally beacons every 60 minutes while you're NOT at the controls, change
> it to every 10 minutes when you are at the controls.

I'm not sure how usefull and reliable that would be. If I want to know
if someone is at the controls, I send a "you there?" message. A beacon
rate of 10 minutes only tells me that the station is beaconing 6 times
an hour. The person might have left and forgot to set the beacon rate
back to an hour, perhaps it's a new station and thinks that a 10 minute
beacon rate is appropiate at all times.....

> 4. Come to think of it -- that might be a good software feature -- a toggle
> for active vs passive mode. In passive mode your station would automatically:
>
> * reduce the frequency of beaconing rates from every 10 minutes to every 30
> or 60
>
> * change to a passive status message, i.e. "unmanned station" vs an active
> message something like "Active and listening on xxx.xxx Mhz"
>
> * put APRS messaging into auto-answer mode "Sorry no one here right now.
> I'll respond shortly"

I think that the status message and the auto answer message, as you
suggested, are sufficient and very appriopiate to indicate whether or
not you're at the controls.

>
> * other?

Change the icon, perhaps?

> 73,
>
> Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] Re: mobile aprs

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Tue, 19 Dec 2000 13:06:43 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125452-2000.12.19-15.18.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One very nifty feature of the KPC3 is the capability to do
four different broadcasts each with their own path and timing.
It would be nice if base station software had the same feature.

For example:

1. Beacon path "", every 10 minutes, "Hi you hear wa7nwp-17 direct"
2. Path "relay", every 20 minutes, ...standard Posit packet
3. path "relay,wide3-3" every 30 minutes "Hello world, wa7nwp@aprs."

(beacons 2 and 3 could alternate.. Timings are just ballpark.)

4th beacon could be used for something else..

Just an idea...

Bill

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

59. [htaprs] Re: mobile aprs

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Tue, 19 Dec 2000 14:19:12 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125456-2000.12.19-16.31.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of Bill Vodall
Sent: Tuesday, December 19, 2000 1:07 PM

>One very nifty feature of the KPC3 is the capability to do
>four different broadcasts each with their own path and timing.
>It would be nice if base station software had the same feature.

And it'd be so easy with a KISS (or Baycom or soundcard) TNC.

73, Bob

Robert Donnell, KD7NM (206) 542-7661
18828 Midvale Ave N mailto:kd7nm@pugetsound.net
Shoreline, WA 98133
Western Washington Amateur IP Address Coordinator

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

60. [htaprs] Re: mobile aprs

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 19 Dec 2000 17:35:17 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-125458-2000.12.19-16.47.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 19 Dec 2000, Alex wrote about beacon rates:

> > 4. Come to think of it -- that might be a good software feature -- a
> > toggle for active vs passive mode. In passive mode your station would
> > automatically:

Yep, I wanted all APRS versions to make these things variable which was
the original design. APRS was designed to decay new info from high
rates down to low rates. APRSdos for example takes anything new and sends
it again 8 second later, then 16, then 32, then 1 minute then 2 minutes
and so on. THus in a message QSO, APRSdos can really fly when the first
packet is lost. Other than APRSdos, only APRS-PLUS has implemented this
process correctly I believe...

Some other programs only retry once a minute which drastically affects
throughput in real-time situations. These programs make APRS feel like a
non-real-time system. But dialog qso's between APRSdos stations
(and/or APRS-PLUS) can usually fly as fast as you can type...

APRSdos and APRS-PLUS also include ACKS built-in to outgoing messages,
again doubling throughput in a dialog... I posted this to the
other authors, but I dont think any implemented it...

I do not know about the details of all the other programs anymore, so I
can no longer have a feel for how they actually operate.

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] Re: mobile aprs

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 19 Dec 2000 17:40:44 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-125460-2000.12.19-16.52.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 19 Dec 2000, Bill Vodall wrote:

>
> One very nifty feature of the KPC3 is the capability to do
> four different broadcasts each with their own path and timing.
> It would be nice if base station software had the same feature.

Again, APRSdos has always had this. You can assign as many paths as you
want and a probability to each one. Thus you can send 30% of your packets
direct, 30% via one hop, 20% via 2 hops, 10% via 3 hops, and 10% via 4 or
more hops. Its kind of kludgy, since it is statistical, but it was the
best we could do at the time.

Since APRSdos automatically sets the beacon rate to 10 minutes if the path
is onlyh to one hop or less, then this technique more or less accomplishes
the variable rate versus distance that not only provides more beacons
locally, but minimizes QRM further away...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

62. [htaprs] Re: mobile aprs

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Tue, 19 Dec 2000 14:52:41 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125461-2000.12.19-17.04.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > One very nifty feature of the KPC3 is the capability to do
> > four different broadcasts each with their own path and timing.
> > It would be nice if base station software had the same feature.
>
> Again, APRSdos has always had this. You can assign as many paths as
> you
> want and a probability to each one. Thus you can send 30% of your
> packets
> direct, 30% via one hop, 20% via 2 hops, 10% via 3 hops, and 10% via
> 4 or
> more hops.

The APRSdos varied paths are neat - but it isn't quiet the
same. The KPC-3 has different messages and beacon times
for the different paths.

Does APRSdos do this "randomly" or does it set up a sequence that
would follow the percentage?

Bill

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

63. [htaprs] Re: mobile aprs

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 19 Dec 2000 17:57:58 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-125464-2000.12.19-17.09.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 19 Dec 2000, Bill Vodall wrote:

> The APRSdos varied paths are neat - but it isn't quiet the
> same. The KPC-3 has different messages and beacon times
> for the different paths.
>
> Does APRSdos do this "randomly" or does it set up a sequence that
> would follow the percentage?

Its random. Each time a packet is to be transmitted, the dice are thrown
and the paths are selected according to the *percentage" assigned to each
alternate path...

More of less does the job in a 24/7 routine operations. But in a
rapid-fire qso, I disable it... or actually, it is automaticaly disabled,
since APRSdos lets you assign a PATH to each message line...

I dont claim it is the best algorithm, but it was cheap (ie, took up few
lines of code which APRSdos is 100% out of...) grin

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] Re: mobile aprs

From: Byron Smith <wa6ylb@theworks.com>
Date: Tue, 19 Dec 2000 17:56:10 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-125487-2000.12.19-20.06.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, this isnt true. When ODA is activated in APRSdos, every
transmission causes the ODA
routine to change the path in the tnc (its based on percentage of time).
The message section, faithfully changes the path to /XX as attached to the
message(the first time a one line message is sent), but then doesnt know
that ODA changes the path. Hence, it believes the path is correct, but in
fact ODA subverted the actual /XX two lettered path. I've totally quit
using ODA, because when you send a message along a directed non aliased
path, the chances are that your specific two lettered /XX path wont be
used. I've complained about this (april 1999), but its not been fixed in
the last 18 months. Try it. Set up a few paths, and then send a message via
one of the other paths you've set up. Then watch the activity as you send a
message. You will be amazed to see you message going entirely different
paths other than what you specified.

>On Tue, 19 Dec 2000, Bill Vodall wrote:
> > Does APRSdos do this "randomly" or does it set up a sequence that
> > would follow the percentage?
>
>Its random. Each time a packet is to be transmitted, the dice are thrown
>and the paths are selected according to the *percentage" assigned to each
>alternate path...
>
>More of less does the job in a 24/7 routine operations. But in a
>rapid-fire qso, I disable it... or actually, it is automaticaly disabled,
>since APRSdos lets you assign a PATH to each message line...

Byron Smith
wa6ylb@theworks.com - Webpage: http://www.theworks.com/~wa6ylb
wa6ylb@wa6ylb.#nca.ca.usa.noam
ICQ 26114994

If all those psychics know the winning lottery numbers, why are they all
still working?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

65. [htaprs] Re: mobile aprs

From: Byron Smith <wa6ylb@theworks.com>
Date: Tue, 19 Dec 2000 18:17:30 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125489-2000.12.19-20.33.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not unless you fixed ODA. I have reported that APRSdos sometimes misses a
lick and doesnt get the path actually put into path. I used to run ODA ,
until I found that there wasnt "any" path in the tnc at all. ALso using ODA
gives odd results, especially when you try to be efficient and use /XX two
letter paths. See the information I reposted below.

This happens at home and at work, with different tncs and different computers.

Here is a replay from April 1999 between Byron WA6YLB and Bob Bruninga
about the problems with ODA.

-0-

On Tue, 13 Apr 1999, Byron Smith wrote:
Is there any way that you could cause it to "suspend" doing ODA when a
person is doing messages? Otherwise, You have to go turn off ODA, do your
messages, only to return to declaring the ODA paths again.

Messages should always use the designated /XX path. That overrides the
alternate path process...

  I say this, as I like to use very specific paths for messages (shortest,
  best route - no aliases). For instance, if I want to send a few lines to a
  "local" I set the unproto path, or use a two lettered path.
  For practicallty, I usually always just set the U path (O U)

  Then I send my messages. I'd use the two lettered path if it was so that I
  am lazy and
  hate to have to keep adding the /XX to each callsign. Its easier to just
  set the U path
  and keep sending messages. (thats how I found the bug awhile back that
  ACK'd the wrong message out of order...)

Once you add the /XX you do not need to keep adding it to each new line to
that call...

  U mentioned the 5 second wait. ODA only changes to another set path. it
  doesnt revert to the orginal U path when you send a message. Even if you
  send a message to a specific path, the message will go out the desired two
  letter path the first time. The next message retry, ODA changes the path,
  and the message follows this new ODA path.

Are you sure? Not supposed to work that way...

  At 10:59 PM 4/13/99 -0400, you wrote:
It is complex but you are right. Is frustrating if you have to wait for
it every time it changes paths (5 sec delay). But if you are sending
bulletins, or positions or status or objects and you want them to cover
your 4 routes, then it has to be enabled all the time...

bob
On Mon, 12 Apr
1999, Byron Smith wrote:

It always uses the UNPROTO that you set, and then X% of the time it will
randomly use the alternates...

I dunno Bob. I dont see the orginal Unproto path *ever* come back. I've
gotten very frustrated using ODA, even though its probably the best way to
send beacons (specified paths vs W,W,W stuff) oes, is, that it changes
paths based upon the fact that APRSdos did transmit.

Try it. Enable a few ODA paths. Then send a few querys or womething that
makes aprs transmit. See the paths changing almost every transmission?

It appears to base its amount of time on the fact that an unattended aprs
station timers take 10 or more minutes to timeout before sending something.
When you start manually sending stuff, these timers are not watched, but
just the fact that aprs transmitted. Try it. emable ODA, then send a couple
messages. See how long it takes before ODA takes over.

If I have ODA enabled, and I send a message to a two lettered path, the
orginal message goes out
the two lettered path. then ODA takes over, and the message then goes the
ODA selected route.
The messaging part doesnt know the path was changed.

One of the things ODA needs, is, that if it detects any human intervention
at the keyboard, it ceases any path changes for like for 20-30 minutes.
Then ODA can resume.

At 05:40 PM 12/19/2000 -0500, you wrote:
On Tue, 19 Dec 2000, Bill Vodall wrote:

One very nifty feature of the KPC3 is the capability to do
four different broadcasts each with their own path and timing.
It would be nice if base station software had the same feature.

Again, APRSdos has always had this. You can assign as many paths as you
want and a probability to each one. Thus you can send 30% of your packets
direct, 30% via one hop, 20% via 2 hops, 10% via 3 hops, and 10% via 4 or
more hops. Its kind of kludgy, since it is statistical, but it was the
best we could do at the time.

Since APRSdos automatically sets the beacon rate to 10 minutes if the path
is onlyh to one hop or less, then this technique more or less accomplishes
the variable rate versus distance that not only provides more beacons
locally, but minimizes QRM further away...

de WB4APR, Bob

Byron Smith
wa6ylb@theworks.com - Webpage: http://www.theworks.com/~wa6ylb
wa6ylb@wa6ylb.#nca.ca.usa.noam
ICQ 26114994

If all those psychics know the winning lottery numbers, why are they all
still working?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

66. [htaprs] Re: mobile aprs (fwd)

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 20 Dec 2000 10:53:08 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125557-2000.12.20-10.05.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Byron noted that Messages sent via /XX are also randomly affected by the
OPS-DIGI-ALTERNATE function:

Thanks!
I am so glad to see this documented.
Actually, I never use the ODA paths anymore either. THey were necessary
back before we had Callsign substituting digis and WIDEn-N's as the only
way to allow paths longer than 2 hops.. Now that the network will allow a

W,W,T,T path in all directions routinely, I have not tended to worry about
the ODA capability.

But now that I see that ODA has value as a "variable" rate mechanism,
maybe I should re-visit this...?

Bob

 On Tue, 19 Dec 2000, Byron Smith wrote:

> Actually, this isnt true. When ODA is activated in APRSdos, every
> transmission causes the ODA
> routine to change the path in the tnc (its based on percentage of time).
> The message section, faithfully changes the path to /XX as attached to the
> message(the first time a one line message is sent), but then doesnt know
> that ODA changes the path. Hence, it believes the path is correct, but in
> fact ODA subverted the actual /XX two lettered path. I've totally quit
> using ODA...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] ?? th-d7ag &gps ??

From: samuel bryant <moark_kid@excite.com>
Date: Wed, 20 Dec 2000 21:46:45 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-125666-2000.12.20-23.59.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi new to list and aprs and i just got a th-d7ag early x-mas and i want to
get a gps but i want one that will show call signs as way points on the
display can some one help me on this thanks and 73s de wc3sam

_____
Send a cool gift with your E-Card
http://www.bluemountain.com/giftcenter/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] magellan meridian XL desense th-d7

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 24 Dec 2000 07:06:59 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126084-2000.12.24-09.18.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

have those of you with the magellan meridian xl gps noticed that it
radiates rf and desenses the thd-7 receiver on 144.39?

        this means that when i go walking with the thd7 and the gps in the
backpack, i am unable to get my packet back or receive any aprs. if i
seperate the two units by 10 feet it clears up.

   plan on putting the magellan in the truck because its a battery eater
portable. going to get something else for portable gps.

not sure what to get thats small has nema out and has long battery life

73
click on this link to find me   http://map.findu.com/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] Re: +AFs-htaprs+AF0- magellan meridian XL desense th-d7

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Sun, 24 Dec 2000 12:07:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Message-ID: <LYR845-126101-2000.12.24-11.15.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
> not sure what to get thats small has nema out and has long battery life

Hi Steve,
I just got the Garmin eTrex and used it a couple of times with my D7a. Seems
to work great. Battery life is about 15 hours on two AA batteries and can be
plugged in to the car cig outlet. I picked one up for $119.

Does any one know if their is a place to get the flat four pin connector so
I can make a power and data combo cable?

73 and Merry Christmas to all!
Ron AB8DT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] Re: [htaprs] magellan meridian XL desense th-d7

From: "Mike Edwards" <medwards@atlantic.net>
Date: Sun, 24 Dec 2000 13:06:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126124-2000.12.24-12.18.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.pfranc.com/projects/g45contr/emap/index.htm

I bought three. Nice plugs. I put one on the factory D7A cable, which is
nice, compact, and lightweight. I was trying to make a power/data cable out
of another, but that project is on hold, indefinitely :-)

----- Original Message -----
From: Ron Karger AB8DT <ab8dt@arrl.net>

> Does any one know if their is a place to get the flat four pin connector
so
> I can make a power and data combo cable?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

71. [htaprs] Re: +AFs-htaprs+AF0- magellan meridian XL desense th-d7

From: "Byon Garrabrant" <byon@mail.com>
Date: Sun, 24 Dec 2000 10:14:17 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126127-2000.12.24-12.26.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 24 Dec 00, at 12:07, Ron Karger AB8DT wrote:

> Hi Steve,
> I just got the Garmin eTrex and used it a couple of times with my D7a.
> Seems to work great. Battery life is about 15 hours on two AA batteries
> and can be plugged in to the car cig outlet. I picked one up for +ACQ-119.
>
> Does any one know if their is a place to get the flat four pin connector
> so I can make a power and data combo cable?

I just got a couple from phranc. I haven't hooked them up yet, but
the price was right!

http://pfranc.com/projects/g45contr/emap/index.htm

Byon
_____
Byon Garrabrant N6BG byon@mail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

72. [htaprs] GPS connectors

From: "Richard Amirault" <ramirault@erols.com>
Date: Sun, 24 Dec 2000 17:05:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Message-ID: <LYR845-126143-2000.12.24-16.35.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try this place for connectors:

http://www.blue-hills-innovations.com/blmstr.htm

Richard Amirault N1JDU Boston,
MA, USA
www.erols.com/ramirault "Go Fly A Kite"
----- Original Message -----
From: "Ron Karger AB8DT" <ab8dt@arrl.net>
>
> Hi Steve,
> I just got the Garmin eTrex and used it a couple of times with my D7a.
Seems
> to work great. Battery life is about 15 hours on two AA batteries and can
be
> plugged in to the car cig outlet. I picked one up for $119.
>
> Does any one know if their is a place to get the flat four pin connector
so
> I can make a power and data combo cable?
>
> 73 and Merry Christmas to all!
> Ron AB8DT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] Re: +AFs-htaprs+AF0- GPS connectors

From: "Charles Suprin" <csuprin@lynx.neu.edu>
Date: Sun, 24 Dec 2000 17:31:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Message-ID: <LYR845-126147-2000.12.24-16.45.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

www.pfranc.com

The folks that brought you the garmin connector are now working on the
etrex.

Charles

Charles Suprin
csuprin@lynx.neu.edu
Any other e-mail addresses may only be temporary.
csuprin@gis.net will probably be disappearing.
----- Original Message -----
From: "Richard Amirault" <ramirault@erols.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Sent: Sunday, December 24, 2000 5:05 PM
Subject: [htaprs] GPS connectors

> Try this place for connectors:
>
> http://www.blue-hills-innovations.com/blmstr.htm
>
>
> Richard Amirault   N1JDU
Boston,
> MA, USA
> www.erols.com/ramirault   "Go Fly A Kite"
> ----- Original Message -----
> From: "Ron Karger AB8DT" <ab8dt@arrl.net>
> >
> > Hi Steve,
> > I just got the Garmin eTrex and used it a couple of times with my D7a.
> Seems
> > to work great. Battery life is about 15 hours on two AA batteries and
can
> be
> > plugged in to the car cig outlet. I picked one up for $119.
> >
> > Does any one know if their is a place to get the flat four pin connector
> so
> > I can make a power and data combo cable?
> >
> > 73 and Merry Christmas to all!
> > Ron AB8DT
>
>
>
> ---
> You are currently subscribed to htaprs as: csuprin@lynx.neu.edu
> To unsubscribe send a blank email to leave-htaprs-21098A@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] Citadel Flash ROMs

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 24 Dec 2000 19:41:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126154-2000.12.24-19.43.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     I'm the proud owner of a 486 Citadel without a harddrive. It seems
to have a 2 Mb Flash ROM. I understand there are also 3 Mb ROMs availa-
ble for them. My problem is that I need to upgrade the APRS version and
set it up with more maps. The smallest that I can get the APRS.ZIP file
is too big to get into the 2 Mb ROM ... but would just barely work using
a one that's 3 Mb (including DOS, the touchscreen utility, interlnk and
pkunzip, of course)!

     This would, of course, be superfluous if we were ever to get driv-
ers for PCMCIA services. I'd rather like to use an Iomega CLIK drive on
it. Hmm, has anyone tried using a ZIP drive with the Citadel? Signifi-
cantly larger (and much more power-hungry), but may be viable by putting
a zip of GUEST.EXE in flash, editing AUTOEXEC to reflect this and using
that D:\ path to store and call as large an APRSDos as would fit on your
100 or 250 Mb Zip drive.   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+---+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

75. [htaprs] New TH-D7A(G)

From: Zachary Michael <kb9uqq_2000@yahoo.com>
Date: Mon, 25 Dec 2000 11:30:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126212-2000.12.25-10.39.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Gang,
I just got a new TH-D7A(G) for Christmas. I need to know, is it
possible to hook a Delorme Tripmate up to it? I remember seeing
somewhere that it will work in Packet mode, but not in APRS mode.
Maybe I'm wrong. I looked everywhere, but I can't find anything about
this. Also, can somebody give me the correct pinout for the cable to
hook up a GPS? The book tells you nothing about how to do this.
--
Thanks and 73's,
Zachary Grant Michael, KB9UQQ,
KB9UQQ-1, KB9UQQ-6, KB9UQQ-7, KB9UQQ-9, KB9UQQ-10,
Hartford City, Blackford County, Indiana, EN70
4025.51 N --- 08515.29W
E-Mail: kb9uqq@tawg.org
TAWG Coordinator
http://www.tawg.org/
Zach's Homepage
http://www.kb9uqq.net/
Zach's APRS Webpages
http://www.aprsinindiana.cjb.net/
Zach's APRS Software for Windows 3.1
http://www.qsl.net/kb9uqq/APRS.html
Zach's Car
http://www.findu.com/find.cgi/kb9uqq-9
Zach's Laptop
http://www.findu.com/find.cgi/kb9uqq-6
Zach's HT
http://www.findu.com/find.cgi/kb9uqq-7
Zach's Digi
http://www.findu.com/find.cgi/kb9uqq-10
Zach's House
http://www.findu.com/find.cgi/kb9uqq
APRS Frequency: 144.390 MHz Simplex
SSTV Frequency: 146.460 MHz Simplex

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

76. [htaprs] RE: Citadel Flash ROMs

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 25 Dec 2000 13:17:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126222-2000.12.25-12.29.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Arte Booten
> Sent: Sunday, December 24, 2000 19:42 PM

 [snip]

>   This would, of course, be superfluous if we were ever
> to get drivers for PCMCIA services. I'd rather like to use
> an Iomega CLIK drive on it. Hmm, has anyone tried using
> a ZIP drive with the Citadel? Signifcantly larger (and
> much more power-hungry), but may be viable by putting
> a zip of GUEST.EXE in flash, editing AUTOEXEC to
> reflect this and using that D:\ path to store and call as
> large an APRSDos as would fit on your 100 or 250 Mb
> Zip drive.

Zip drives work fine off the parallel port, use GUEST and you can slim
down the driver files to just the one that is needed, PP1 or PP2, The
real trick is to put a second 8MB of RAM in and build a 14MB RAM disk,
then unzip the contents of your APRS into the RAMdisk, then the Zip
drive doesn't need to run except maybe to copy log files or whatever.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

77. [htaprs] RE: Citadel Flash ROMs

From: "Scott-KC5JGV" <kc5jgv@ozarkisp.net>
Date: Mon, 25 Dec 2000 19:02:04 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126245-2000.12.25-19.21.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Morning, I have heard that the ZIP Drive has been used with these
units. But also, you can add a hard drive. A simple IDE controller and drive
will fit in the case. I wrapped my drive with bubble wrap and taped it
inside. At the end of the ISA slot there are solder pads for the drive
power.

Scott

-----Original Message-----
From: bounce-htaprs-14465@lists.tapr.org
[mailto:bounce-htaprs-14465@lists.tapr.org]On Behalf Of Arte Booten
Sent: Sunday, December 24, 2000 16:42 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Citadel Flash ROMs

Hi all,

I'm the proud owner of a 486 Citadel without a harddrive. It seems
to have a 2 Mb Flash ROM. I understand there are also 3 Mb ROMs availa-
ble for them. My problem is that I need to upgrade the APRS version and
set it up with more maps. The smallest that I can get the APRS.ZIP file
is too big to get into the 2 Mb ROM ... but would just barely work using
a one that's 3 Mb (including DOS, the touchscreen utility, interlnk and
pkunzip, of course)!

This would, of course, be superfluous if we were ever to get driv-
ers for PCMCIA services. I'd rather like to use an Iomega CLIK drive on
it. Hmm, has anyone tried using a ZIP drive with the Citadel? Signifi-
cantly larger (and much more power-hungry), but may be viable by putting
a zip of GUEST.EXE in flash, editing AUTOEXEC to reflect this and using
that D:\ path to store and call as large an APRSDos as would fit on your
100 or 250 Mb Zip drive. 73

```
+-------------------------------------------------------------------+
|Arte Booten  <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York    [FN30bu]    !4052.71N/07354.06WNPHG5370/A=00240|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+-------------------------------------------------------------------+
```

You are currently subscribed to htaprs as: kc5jgv@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] Re: New TH-D7A(G)

From: arizona@uswestmail.net
Date: 26 Dec 2000 06:27:44 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: kb9uqq_2000@yahoo.com
Message-ID: <LYR845-126304-2000.12.26-08.39.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 25 December 2000,
> 1. New TH-D7A(G)
> Subject: New TH-D7A(G)
> From: Zachary Michael <kb9uqq_2000@yahoo.com>

> Hi Gang,
> I just got a new TH-D7A(G) for Christmas. I need to know, is it
> possible to hook a Delorme Tripmate up to it? I remember seeing
> somewhere that it will work in Packet mode, but not in APRS mode.
> Maybe I'm wrong. I looked everywhere, but I can't find anything about
> this. Also, can somebody give me the correct pinout for the cable to
> hook up a GPS? The book tells you nothing about how to do this.

Here are your answers. This is the setup that I use on the D700 as well as the D7.

1st modify your tripmate. You do not have to do the power portion of the following mod (I didn't) but the rewiring you must do or it won't work.

http://www.qsl.net/kd4rdb/tripmate.htm

Then make-up a cable to female gender. Yes I know that the tripmate is a female as well but you can use this cable as a computer interface to the radio. Get a male to male 9 pin adapter.

http://216.133.235.165/SOFTWARE/THD7AG/thd7wiring.jpg

On the tripmate I put a powerjack on it and use a CD player power supply to get the GPS up and running. With both the radio transmitting at 50 W once every 30 mins and the GPS on for 2 days the battery in my truck never even notices it.

Hope this works for you

Scott
KF4NDQ

Scott Sykes
|-----netAriZonA.net------|

Signup for your free USWEST.mail Email account http://www.uswestmail.net

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] TH-D7A(G) to GPS III+ to PC

From: diputs <diputs@geocities.com>
Date: Tue, 26 Dec 2000 18:15:00 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126348-2000.12.26-17.22.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If I took the standard Garmin GPS to PC cable and combined it with the
TH-D7A(G) to Garmin GPS cable (one Garmin GPS connector, one DB-9
connector and one 2.5mm connector) would I be able to switch the 2.5mm
plug from the GPS hole to the PC hole on the HT and download info from
my pc to both the GPS and the TH-D7A(G)?

Heath

--
diputs   (spell it backwards)
--
"Next time I will..." "From now on I will..." --What makes me think I
am wiser today than I will be tomorrow?
Notes to Myself by Hugh Prather
--
Nighthawk and Blackbird

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

80. [htaprs] APRS Beacon trouble with THD7A

From: Jack Chomley <chomley@telelink.com.au>
Date: Wed, 27 Dec 2000 12:22:33 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126369-2000.12.26-20.33.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

I have setup my THD7A to send out an APRS beacon every 5mins,
but it will not work, I have tried other intervals, but no go.
I have set the beacon interval, set to auto, callsign and position
are entered too, unprotocol is default setting etc. All set up according
to my manual.
When I set the radio TNC to APRS and press BCON, it fires out the
beacon, after that.....it remains silent for evermore....unless
I switch BCON off, then turn it on, again it sends only 1 beacon.
I have fully reset the radio and reloaded the parameters....same
deal again, no change :-(
Any clues?? I have run out :-)

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

81. [htaprs] Re: APRS Beacon trouble with THD7A

From: Jack Chomley <chomley@telelink.com.au>
Date: Wed, 27 Dec 2000 17:10:26 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126400-2000.12.27-01.21.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:29 PM 12/26/00 -0800, you wrote:
>On Tue, 26 December 2000, "TAPR Hot Technology APRS digest" wrote:

>Is the radio set for GPS and no GPS is connected? My observations have
been that unless the GPS is active no beacons. Is the beacon icon on?
>
>Scott
>KF4NDQ
>
>Scott Sykes
>|-----netAriZonA.net------|
>
>Signup for your free USWEST.mail Email account http://www.uswestmail.net

Hi listers,

Update time......
The news is not good :-(I wired the GPS up, set GPS to NMEA, set
the Garmin interface to NMEA V2 (4800 baud) and the GPS happily
sent its data to the THD7A, hit the POS button and yep.....what
was on the GPS.......was on the THD7A screen, checked TNC DCD
settings....tried each one, TX inhibit was not on, tried changing
BEACON intervals again.....still no go :-(I have the appropriate
DATA band selected, TNC on (not in packet mode) Checked that OFFSET
was not on. Strange thing is.......it works only when I press
the BCON button.......fires a BEACON once.......and that's it, until
I switch it off, then back on again.
No difference with GPS connected and running, to when its off and
not connected.
Now.......I am really lost!!

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

82. [htaprs] Re: APRS Beacon trouble with THD7A

From: arizona@uswestmail.net
Date: 27 Dec 2000 01:43:46 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126402-2000.12.27-03.55.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: APRS Beacon trouble with THD7A
> From: Jack Chomley <chomley@telelink.com.au>

> I have setup my THD7A to send out an APRS beacon every 5mins,
> but it will not work, I have tried other intervals, but no go.
> I have set the beacon interval, set to auto, callsign and position
> are entered too, unprotocol is default setting etc. All set up according
> to my manual.
> I switch BCON off, then turn it on, again it sends only 1 beacon.
> I have fully reset the radio and reloaded the parameters....same
> deal again, no change :-(
> Any clues?? I have run out :-)

Is the radio set for GPS and no GPS is connected? My observations have been that unless the GPS is active no beacons. Is the beacon icon on?

Scott
KF4NDQ

Scott Sykes

Scott Sykes
|-----netAriZonA.net------|

Signup for your free USWEST.mail Email account http://www.uswestmail.net

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

83. [htaprs] Re: APRS Beacon trouble with THD7A...NOW FIXED!!!!

From: Jack Chomley <chomley@telelink.com.au>
Date: Wed, 27 Dec 2000 19:43:49 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126403-2000.12.27-04.00.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

Thanks for all the ideas! The fix is.......turn OFF the battery saver
mode! I had it set to .6 of a second. The moment I switched it OFF
it worked......with NO GPS plugged in. I can only assume it is sending
the position coords that I have manually set, along with the STATUS
text. Even with my GPS plugged in and BAT SAVE on, it would not work.
So, it seems the battery saver must be OFF when APRS beaconing is
desired.
Again.....thanks for the help! I have spent nearly all day on this :-)

Jack Chomley
VK4JRC (happy as a cat with 2 tails!)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

84. [htaprs] Help with TH-D7A(G) and Delorme Tripmate

From: Zachary Michael <kb9uqq_2000@yahoo.com>
Date: Wed, 27 Dec 2000 08:58:51 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126446-2000.12.27-11.11.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Gang,
Now that I know that the Tripmate will work, and I have made the cable to hook it up to the TH-D7A(G), can somebody please help me get it configured? I made the cable to hook the Tripmate up to the D7, and I made a cable that allowed the Tripmate to self-start and still run on batteries. Then last night when I plugged it in, all it did was beep at me. Can somebody help me get this all worked out? When I plug it in all it does is go "du" then after about ten seconds it does it again. I have no idea what this means, and it doesn't explain it in the manual. I also know that if it were working correctly, when I push the Position button it should have the fields filled in with my latitude and longitude, but it doesn't. I have my settings set correctly, I think...
GPS UNIT NMEA
WAYPOINT OFF (since I don't have a unit with a display)
LOCATION EVERY 60
GPSTEXT $GPRMC (that's all that the Tripmate outputs)
GPSBAUD 4800
I emailed a friend last night and he told me to reverse the pins on the connector going to the D7,

but I told him that the pinout should have been right since I got it off the internet. Maybe that is my problem. I got it from this website: http://kg7il.foxinternet.net/ham/aprs/d7pintouts.htm. I thought that it said that is was the right pinout. I know that the manual reverses them, thats why I went on the internet. If somebody can help me I would really, really be greatful!
Thanks,
Zachary Michael, KB9UQQ

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

85. [htaprs] Re: APRS Beacon trouble with THD7A...NOW FIXED!!!!

From: "Walter Dunckel" <walter@radiohound.com>
Date: Wed, 27 Dec 2000 09:20:14 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126455-2000.12.27-11.31.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use the battery save mode all the time on my TH-D7A and TH-D7A(G)'s and they work fine beaconing in auto mode. Battery saver turns off the receiver and only turns it on every .6 seconds (or whatever you have set it at) to see if there is a signal on the frequency. If there is no signal, the receiver is turned off again for the increment you have set. This should have no effect on your beacon rate, at least is does not on my two D7's. I suspect the problem was something else, or the radio was momentarily confused.

If you have a G model, it will block the transmission of your beacon if you have it set to GPS and have no valid data from the GPS port of the radio. It sounds like this was not the case because you have manually entered your coordinates, so it should be set to NO GPS. The pre-upgrade D7A model has no such feature and will send out a 00 00 00 coordinate when no GPS is connected with GPS selected.

Walter
KD6VYV

----- Original Message -----
From: "Jack Chomley" <chomley@telelink.com.au>

> Hi Listers,
>
> Thanks for all the ideas! The fix is.....turn OFF the battery saver
> mode! I had it set to .6 of a second. The moment I switched it OFF
> it worked......with NO GPS plugged in. I can only assume it is sending
> the position coords that I have manually set, along with the STATUS
> text. Even with my GPS plugged in and BAT SAVE on, it would not work.
> So, it seems the battery saver must be OFF when APRS beaconing is
> desired.
> Again.....thanks for the help! I have spent nearly all day on this :-)
>
> Jack Chomley

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

86. [htaprs] Tiny 2 TNC V5 APRS Parameters??

From: Jack Chomley <chomley@telelink.com.au>
Date: Thu, 28 Dec 2000 22:03:57 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-126609-2000.12.28-06.21.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

I have a Tiny 2 TNC (1 RS232 Port) with V5 EPROM, which has an APRS command set. Does anyone have a list of suggested operating parameters for this TNC.....I want to use it as a tracker

TNC......I have yet to get a GPS engine......any suggestions?
In the meantime I will test it with my Garmin 38.

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

87. [htaprs] Re: Tiny 2 TNC V5 APRS Parameters??

From: Carl Littlejohns <carl_mail@dr.com>
Date: Fri, 29 Dec 2000 20:25:36 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-126956-2000.12.29-14.43.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It works fine in GPS mode - ... the fancy digipeating is a plus - and being
able to alter the settings remotely by connecting from the shack (or a
palmtop and THD7!) is neat too.

I set mine to 4800 baud so I didnt have to keep altering the GPS settings
when pluggin it into the PC.

See http://you.genie.co.uk/carl.littlejohns/aprs.htm

These are my settings, most are default but I don't really want to sort
through and chop out the distracting ones :)   If you have further questions
however...

DIGI 7 is the best one to use of all the new options. You will find
most exisiting software tries and send DIGI ON which generates an error
message (little bit of non-backward compatibility there) MON ON fails too,
MON 1 just shows you unconnected packets! Neat! MON 3 is equivalent to MON
ON was.

display

```
3rdparty ON        8bitconv ON         ACkprior ON         ACKTime  14
ADrdisp  ON        AMonth   OFF        ASyrxovr 0          ASYFrerr 0
ASYQover 0         ASYStop  1          AUTOFwd  OFF        AUtolf   ON
AWlen    8         Ax25l2v2 ON         AXDelay  0          AXHang   0
BBfailed 0         BBSmsgs  OFF        Beacon   EVERY 0    EBEacon  OFF
BKondel  ON        BRAnge   3          LRAnge   3          BReak    ON
BESLot   OFF       BSLot    60         BSUBSLOT 0
BText    [IO83JE] CL9@MAIL.COM
BUdlist  OFF       CANline  $18        CANPac   $19        CBell    OFF
CHeck    12        CHECKV1  OFF        CLKadj   0          CLKSet   ON
CMdtime  1         CMSg     OFF        CMSGDisc OFF        COMmand  $03
CONMode  CONVERSE  Link state is: DISCONNECTED
CONOk    ON        CONPerm  OFF        CONRPT   OFF        CONStamp OFF
CPactime OFF       CR       ON         CRAfter  ON
CText
UIMODe   OFF       DAYUsa   ON         DEAdtime 20         DELete   OFF
DIGipeat 7         DIGISent 0          DWait    0          Echo     ON
ELOc     0         EScape   OFF        Flow     ON         FRack    3
FSCreen  ON        FUlldup  OFF        FIXType  1          GPS      OFF
GPSExit  $5C
GPSTExt  $GPGLL
LG1text  $GPVTG
LG2text
LG3text
GPSItext
HEaderli OFF       HEALled  OFF        HId      OFF        HOMebbs
HOvrerr  0         HUndrerr 0          KILONFWD ON         KISs     OFF
LCAlls             LCok     ON         LCStream ON         LFadd    OFF
LFIgnore OFF       LGEtchar $00        LOCation EVERY 12
LPATH    APRS VIA RELAY,TRACE2-2,WIDE2-2,WIDE
LTEXT    $GPGLL,5310.149,N,00258.549,W,162512,A*37
```

LTEXT is left blank - GPS ON causes the TNC to build LTEXT from the incoming
NMEA string starting with whatever is in GPSTEXT

```
L1text
L2text
```

```
L3text
LOGonmsg ON        MAll     ON         MAXframe 4          MCOM     OFF
MCon     OFF       MFilter  $00        Monitor  3          MRpt     ON
MSGHdr   ON        MSGRoute OFF        MStamp   OFF        MYAlias  RELAY
MY1alias GW0TQM    MY2alias            MY3alias            MYRose
MYcall   GW0TQM-9  MYPcall             RMTcall  GW0TQM-11  NEwmode  ON
NODetext
NOmode   OFF       NUcr     OFF        NULf     OFF        NULLs    0
Paclen   128       PACTime  AFTER 10   PARity   0          PASs     $16
PASSAll  OFF       PErsist  63         PMs      OFF        PMSConn  0
PIdcheck OFF       PPersist OFF        PRefix   $00        RCVDFrmr 0
RCVDIfra 0         RCVDRej  0          RCVDSabm 0          RCVDRNr  0
REDispla $12       REMote   ON         REMSysop OFF        RESptime 0
REtry    10        RTCSync  ON         RXAbort  1          RXblock  OFF
RXCount  0         RXErrors 0          RXLenerr 0          RXResync 0
Screenln 0         SEndpac  $0D        SENTFrmr 0          SENTIfra 0
SENTRej  0         SENTRNr  0          SLOts    2          SLottime 50
STArt    $11
STExt
STOp     $13       STREAMCa OFF        STREAMDb OFF        STReamsw $7C
TKILlok  OFF       TRACe    OFF        TRFlow   OFF        TRIes    0
TXCount  2         TXdelay  15         TXDELAYC 12         TXFlow   OFF
TXQovflw 0         TXTmo    0          TXUifram ON         UIBeacon OFF
UILOc    OFF       Unproto  APRS VIA SUNSAT
LSLOT    60        LSLOTMIN 0          LSUBSLOT 0          LSUBNUMB 0
USers    1         Xflow    ON         XMitok   ON         XOff     $13
XON      $11
```

I'll pop this on my website for posterity - Im using a D700 now :)

Carl GW0TQM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

88. [htaprs] Re: APRS Beacon trouble with THD7A...NOW FIXED!!!!

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sun, 31 Dec 2000 04:17:17 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-127271-2000.12.30-22.31.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

my thd7 doesnt receive much when its battery saver is on, but it txs ok.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

89. [htaprs] Any func. diff 'tween a stock D7A(G) & a D7A->(G)?

From: JD Erskine VA7JD <VA7JD@rac.ca>
Date: Sat, 30 Dec 2000 21:40:03 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127275-2000.12.30-23.52.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks,

I've been following the list since the spring and am about ready to get a
D7A(G), unless Icom comes out with something tomorrow, more likely at
Dayton I guess. The question is, is there _any_ difference, significant or
otherwise between a unit sold from the store as a D7A(G) and one I can get
for a pretty good price that is purportedly about one year old, was a D7A
and had the factory upgrade to a G? Haven't had a really functional HT for
a few years now, since '93 which is quite depressing so don't want to blow
it now. I'd really like to play with SUNSAT and all the other fun stuff
you've been doing recently.

Thanks for your time es 73, JD VA7JD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

90. [htaprs] Re: Any func. diff 'tween a stock D7A(G) & a D7A->(G)?

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sun, 31 Dec 2000 07:34:13 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127316-2000.12.31-09.44.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is no difference from an upgraded G model to a G at the store except
that you would not have to pay tax, and the unit may have a few scratches
pre-applied for you. They both use the same Eprom that controls the
microprocessor, so they both function the same. There are no hardware
differences.

Walter

> I've been following the list since the spring and am about ready to get a
> D7A(G), unless Icom comes out with something tomorrow, more likely at
> Dayton I guess. The question is, is there _any_ difference, significant or
> otherwise between a unit sold from the store as a D7A(G) and one I can get
> for a pretty good price that is purportedly about one year old, was a D7A
> and had the factory upgrade to a G? Haven't had a really functional HT for
> a few years now, since '93 which is quite depressing so don't want to blow
> it now. I'd really like to play with SUNSAT and all the other fun stuff
> you've been doing recently.
>
> Thanks for your time es 73, JD VA7JD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

91. [htaprs] Re: THD7 Beacon now fixed (??)

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Sun, 31 Dec 2000 21:33:39 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127355-2000.12.31-14.46.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> my thd7 doesnt receive much when its battery saver is on, but it txs ok.
>
>

so does mine (it is a THD7 E Firmware trial nr. 2)
The unit has some bugs, but this one I never saw here.

73!
Werner OE9FWV

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

92. [htaprs] Citadel Flash ROMs - The ROM's the Thing

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 30 Dec 2000 21:51:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127356-2000.12.31-14.48.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     Okay, I got several replies about using zip drives (and a possibi-
lity about PCMCIA functionality), but the original problem was:

>It [has] a 2 Mb Flash ROM ... there are also 3 Mb ROMs available ...
>The smallest I can get APRS.ZIP is too big to get into the 2 Mb ROM ...

>but would using one that's 3 Mb ...

Looking back on it, this may have been worded poorly. I wanted information about finding and installing that 3 Mb chip. 73

+--+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York [FN30bu] !4052.71N/07354.06WNPHG5370/A=00240|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+--+

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] hams needed for safety comms -- road rally

From: Dewey Bryant KD4EHC <kd4ehc@bellsouth.net>
Date: Sun, 31 Dec 2000 15:55:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: RACK <RACK@korrnet.org>, Terry Bartholomew NQ4Y <terry@edge.net>,
Terry Bartholomew NQ4Y <nq4y@qsl.net>,
DEWEY BRYANT KD4EHC - ARES - EC <kd4ehc@bellsouth.net>,
Jonathan Guy KE4AIK <ke4aik@bellsouth.net>,
"MAXwell C. Lee N4NWD" <n4nwd@bellsouth.net>,
Mike Fawbush KF4JOZ <kf4joz@hotmail.com>,
"Phillip T. Verble KF4MCD" <kf4mcd@bellsouth.net>,
Rick Willis - ADA Knoxville <rwillis@diabetes.org>,
Andy Eddings W4AME <w4ame@hotmail.com>,
DAVID M BENTON WB4JGG- ARES - EC <wb4jgg@juno.com>,
Dennis R ROCKY Beckner WD8SBO <rockydrb@planetc.com>,
Don Hutchins KD4YJD <kd4yjd@volstate.net>,
Ed Aslinger / WB4UMQ <aslinger@aol.com>,
Everett Correll K4ERC <K4ERC@yahoo.com>,
Fletch W4BBW <w4bbw@mailcity.com>,
Fredrick G Carmichael KD4ATW <fredcar@juno.com>,
Garland Eubanks KB4RTM <eubea@juno.com>,
"Gregory S. Williams K4HSM" <k4hsm@icx.net>,
Hal Perry W4HP <hamiam1@bellsouth.net>,
Jerry Green WA4IPO <jlg7601@juno.com>,
Jerry Green WA4IPO <Wa4ipo@netscape.net>,
Jerry Green WA4IPO <cj7601@bellsouth.net>,
Jim Burns KO4SU <ko4su@vol.com>, Jim Haun <jimhaun@vol.com>,
Jim Thomas KR4IC <kr4ic@vol.com>,
"John C. Kimbrough WR3S" <wr3s@bellsouth.net>,
John Mullinix KF4SKT <mullinix@mail.tds.net>,
"KD4XV@aol.com" <KD4XV@aol.com>, "KF4CJT@arrl.net" <KF4CJT@arrl.net>,
"Kf4hzz2@aol.com" <Kf4hzz2@aol.com>, "kg4boe@vei.net" <kg4boe@vei.net>,
"KR4IC@VOY.NET" <KR4IC@VOY.NET>,
LARRY H LYDA WA4PJP <wa4pjp@volstate.net>,
Larry Stansell KG4CDK <kg4cdk@aol.com>,
Lea Fawbush KG4DPV <lfawbush@hotmail.com>,
Lou Carter KE4DGW <lcarter264@aol.com>,
Mark Sproul <msproul@apmail.ap.org>,
"Michael A. Hammer KE4QOC" <ke4qoc1@aol.com>,
Mike Fawbush KF4JOZ <kf4joz@hotmail.com>,
Mike Payne N4AIL <mpayne@cdc.net>,
Mike Ragsdale KE4MDF <ke4mdf@ibm.net>,
"Ralph W. Fowler N4NEQ" <rwf@mindspring.com>,
Robert Bryson KF4ZEJ <RBryson650@aol.com>,
Ronald E Branam KT4IW <KT4IW@aol.com>,
Scott Churchwell - Chattanooga PD <ezyridr212@aol.com>,
"Steaven D. Rogers KU4VR" <ku4vr@vei.net>
Message-ID: <LYR845-127358-2000.12.31-15.00.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-=-
hams needed for safety comms -- road rally
contact: DEWEY BRYANT KD4EHC
kd4ehc@bellsouth.net
-=-
For immediate release 19 December 2000

SCCA ProRally Championship Announces
New Event for 2001 Season - Round #2 Cherokee Trails

DENVER, CO: The second round of the 2001 season will be an all-new addition to the Sports Car Club of America's ProRally Championship. Headquartered in Chattanooga, Tennessee, the International Cherokee Trails Rally will include three days of intense competition in the Cherokee National Forest. With a 3-day format and nearly 180 stage miles in the route book, the event is

under
consideration by the FIA for full international status.

When & Where:
15-17 March; Chattanooga TN; approx. 95 miles northwest of Atlanta, GA.

SCCA Event Rank:
Cherokee Trails is a full points SCCA ProRally Championship event. Drivers
earn points towards the national championship, and supporting manufacturers
(Hyundai, Subaru, Mazda and Mitsubishi) earn points towards overall and
class
Manufacturers Championships.

Historical Background:
The Cherokee Trails Rally marks the return of SCCA Performance Rally to the
Southeastern US after a five-year hiatus. Run in 2000 as an SCCA ClubRally,
the event earned high marks from entrants, spectators and industry
observers,
and earned its national status for 2001. For the first time in the United
States since 1987, this performance rally will be run under FIA rules, which
will include reconnaissance (recce) and pace-noting. Vehicle class structure
will follow FIA conventions, in tandem with the nationally recognized SCCA
classifications

ProRally Championship Contact:
Kurt Spitzner - SCCA ProRally Championship Marketing and Media Manager
Pre-event:B 303.779.6622 (country Code: 1)
Email:werace4u@aol.com

Cherokee Trails ProRally Contact:
John Shirley - Clerk of the Course
Kendall Russell - Rally Manager/Organizer
Pre-event: 865.671.1133
direct inquiry Email: krrally@cs.com
Time zone at event: EasternTime (GMT -5 hours)

Event website accessible through the sccaprorally.org website listed above

About the SCCA ProRally Championship:
SCCA Performance Rally, comprised of the national SCCA ProRally
Championship,
the regional SCCA ClubRally Championship, and local SCCA RallyCross events,
starts its 28th consecutive season on January 26-27, with the aptly named
Sno*Drift ProRally in northern Michigan.

Performance Rally is a globally recognized sport, with millions of fans
worldwide. The sport is a unique test of endurance for both the participant
and the machine, and thrives in environments where traditional racing
activity never treads. Typical SCCA ProRally events will feature fields of
40 - 80 production-based automobiles, and cover hundreds of miles over a
12-24 hour period, with much of the competition under the cloak of darkness.

# # #

--
  /\

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] Running APRSdos with a D700

From: Byron Smith <wa6ylb@theworks.com>
Date: Sun, 31 Dec 2000 12:49:40 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127359-2000.12.31-15.04.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am looking to find others that have run APRSdos with a D700 in TNC mode.
I have done this, but find that the program will lockup the tnc in the
D700. I have seen the D700 send out hundreds of "flags" data. I usually

have to turn off the D700 and turn it back on to clear this constant transmit.

I have also run Winaprs on the D700 in tnc mode with no lockups.

Byron Smith
wa6ylb@theworks.com - Webpage: http://www.theworks.com/~wa6ylb
wa6ylb@wa6ylb.#nca.ca.usa.noam
ICQ 26114994

If all those psychics know the winning lottery numbers, why are they all
still working?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] Porblem with APRSplus

From: "mark.endicott" <endicott@nashville.com>
Date: Sun, 31 Dec 2000 16:42:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127377-2000.12.31-16.55.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been encountering a problem with APRS SA for the last few days and I
can't seem to find the cause. I get a Program Error "WS FULL"
(DataSave[7]|||(wrapl'odr Reg 'GetMonitor.Dat] Nsave PATH,'APRSplus.Dat'|
Anybody know what this it trying to tell me?

Mark
WB0NOO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

96. [htaprs] TH-D7A Upgrade

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 31 Dec 2000 19:18:36 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127418-2000.12.31-21.29.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Am debating whether to upgrade my TH-D7A to the G model?

Is it worth the $60?

I have two D7A's and my wife has never used any functions other than using
it as a plain 2 m radio. Of course the two models program differently, so,
if I upgrade, I have to upgrade both of them.

I am happy with the way the D7A operates and am not sure I want to spend the
money to upgrade them.

If you upgraded yours, please give me your thoughts on the value of this
upgrade.

Thanks,

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org